

Converting Colors

XYZ(78.8302, 87.5473,
103.2695)

Have a look what the booklet for
XYZ(78.8302, 87.5473, 103.2695)
contains.

XYZ(78.8264, 87.5654, 103.1897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(78.8264, 87.5654,
103.1897)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F6FA
RGB	217, 246, 250
RGB Percent	85%, 96%, 98%
CMY	0.1490, 0.0353, 0.0196
CMYK	0.13, 0.02, 0.00, 0.02
HSL	187°, 77%, 92%
HSV	187°, 13%, 98%
XYZ	78.8264, 87.5654, 103.1897
YIQ	237.7850, -18.5680, -4.9040

Conversions

Conversions Part 2

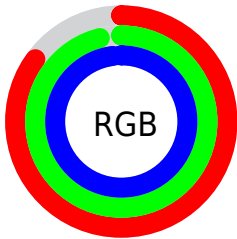
Format	Color
R _Y B	217, 232, 250
Decimal	14284538
CIE Lab	94.98, -8.59, -5.11
CIE LCh	95, 9.992, 210.762
Yxy	87.5654, 0.2924, 0.3248
Android (android.graphics.Color)	4292474618 (0xFFD9F6FA)
YUV	237.7850, 6.0220, -18.2284
Hunter-Lab	93.5764, -13.3948, 0.1225

Details

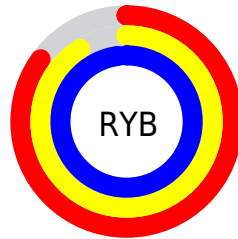
The XYZ color **78.8264, 87.5654, 103.1897** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.8058, 77.0465, 76.4179**, and the grayscale version is **81.0691, 85.2910, 92.8819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0514, 48.4033, 58.1127** is the 20% darker color. If you saturate the color by 10%, you get **71.0383, 82.1967, 102.5653**, and if you desaturate by 10%, it is **87.7603, 93.5517, 103.8757**.

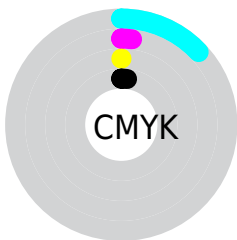
Distribution



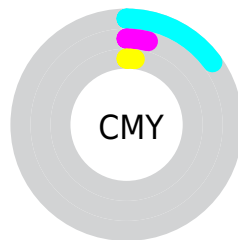
- Red (85%)
- Green (96%)
- Blue (98%)



- Red (85%)
- Yellow (91%)
- Blue (98%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (15%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.8264, 87.5654, 103.1897 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 78.8264, 87.5654, 103.1897 by changing the saturation by 10% instead.

78.8264, 87.5654,
103.1897

78.8264, 87.5654,
103.1897

479.7659,
520.0790, 591.7052

59.0582, 65.9632,
78.3354

130.6737,
143.9520, 167.6237

42.9065, 48.2425,
57.8314

163.4834,
179.5051, 208.0404

30.0060, 34.0190,
41.2593

201.3711,
220.4773, 254.4817

19.9912, 22.9082,
28.2006

244.7021,
267.2531, 307.3661

12.4969, 14.5257,
18.2365

293.8417,
320.2167, 367.1121

7.1576, 8.4872,
10.9488

349.1553,

3.6081, 4.4083,

379.7527, 434.1382

5.9186

411.0082,
446.2453, 508.8631

■ 1.4829, 1.9045,
2.7277

■ 0.3142, 0.5511,
0.9573

■ 78.8264, 87.5654,
103.1897

■ 78.8264, 87.5654,
103.1897

■ 71.0383, 82.1967,
102.5653

■ 87.7603, 93.5517,
103.8757

■ 64.3377, 77.4086,
101.9943

■ 93.3250, 97.8211,
104.4065

■ 58.6729, 73.1765,
101.4760

■ 94.2556, 99.6822,
104.7167

■ 53.9847, 69.4698,
101.0076

■ 50.2080, 66.2549,
100.5861

■ 47.2696, 63.4939,
100.2080

■ 45.0847, 61.1430,
99.8694

■ 43.5506, 59.1491,
99.5654

■ 42.7766, 57.9443,
99.3737

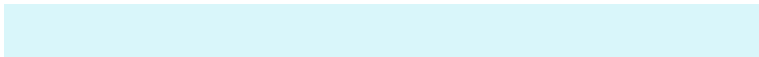
Harmonies

Analogous

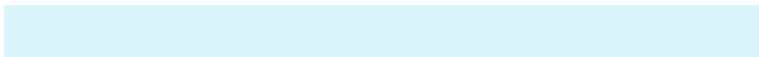
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1212, 87.5654, 95.5425



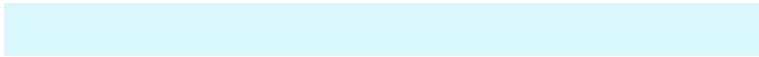
78.8264, 87.5654, 103.1897



80.7066, 87.5654, 108.9811

Triad

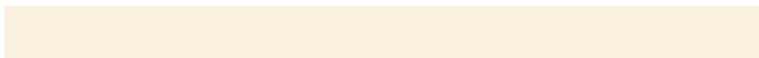
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8264, 87.5654, 103.1897



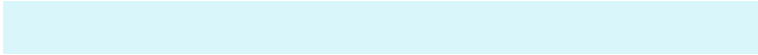
87.8629, 87.5654, 102.8276



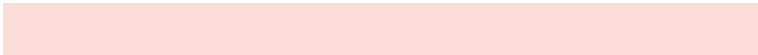
83.1590, 87.5654, 81.1742

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



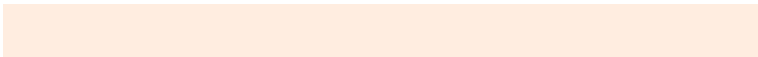
78.8264, 87.5654, 103.1897



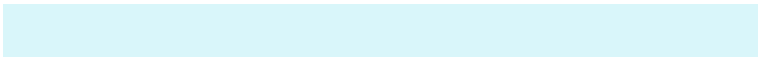
77.8058, 77.0465, 76.4179

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8019, 87.5654, 82.8945



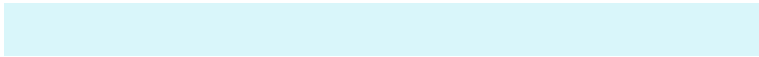
78.8264, 87.5654, 103.1897



88.5532, 87.5654, 95.1454

Square

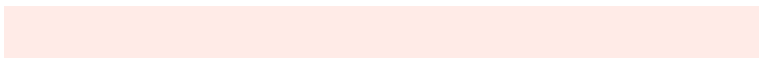
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8264, 87.5654, 103.1897



85.9246, 87.5654, 108.7641



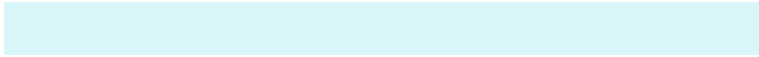
87.7911, 87.5654, 87.9061



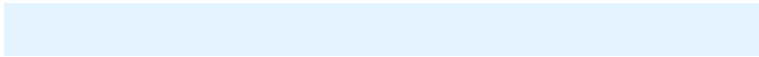
80.5890, 87.5654, 83.0755

Rectangle

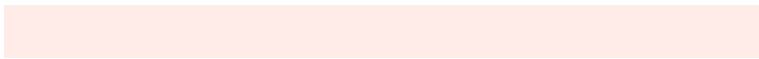
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



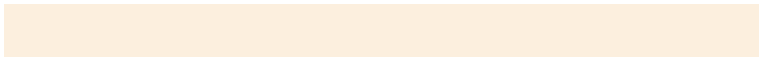
78.8264, 87.5654, 103.1897



82.3938, 87.5654, 110.8605



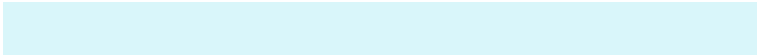
87.7911, 87.5654, 87.9061



84.0684, 87.5654, 81.3471

Sweetspot

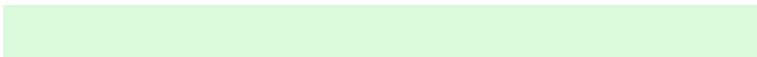
The Sweet Spot groups the original color and five complimentary colors.



78.8289, 87.5690, 103.1917



91.0036, 97.3309, 108.5981



75.8336, 88.3369, 81.3574



19.3204, 20.7279, 23.2325



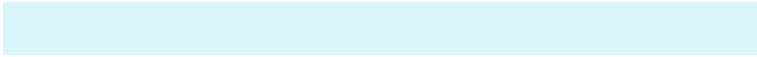
0.0000, 0.0000, 0.0000



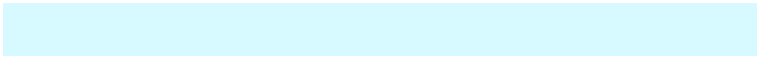
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8289, 87.5690, 103.1917



80.0439, 89.9540, 107.7518



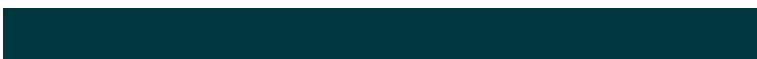
74.0717, 78.0545, 101.6059



17.5759, 19.2286, 22.1704



22.7612, 30.8780, 52.7340



2.1570, 2.9577, 4.9004

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



80.8738, 76.6054, 97.7168



82.6018, 76.3603, 100.8763



82.3358, 86.1066, 77.9280



17.8972, 17.4862, 21.3145



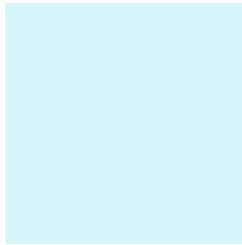
27.7808, 13.5281, 37.1499



2.5977, 1.2628, 3.5708

Previews

White Background



This preview shows how the XYZ color 78.8264, 87.5654, 103.1897 looks on a white background.

Color Contrast Check

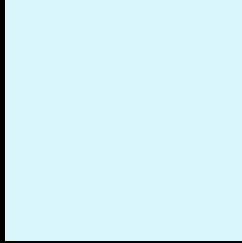
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 78.8264, 87.5654, 103.1897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

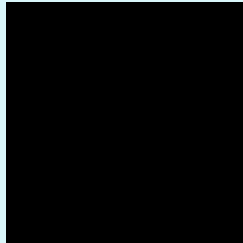
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.8264, 87.5654, 103.1897

Background



This preview shows how black text looks on a background with the XYZ color 78.8264, 87.5654, 103.1897.

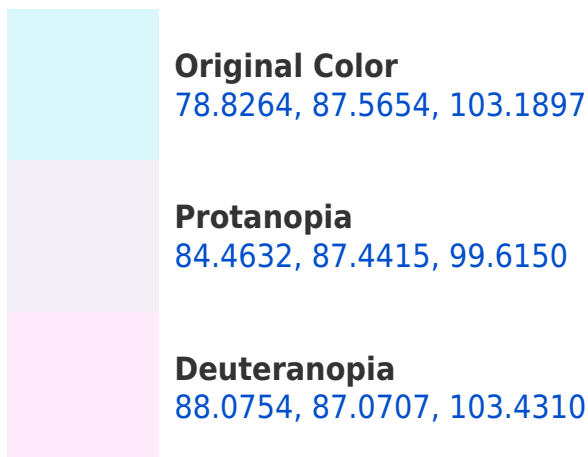


This preview shows how white text looks on a background with the XYZ color 78.8264, 87.5654,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

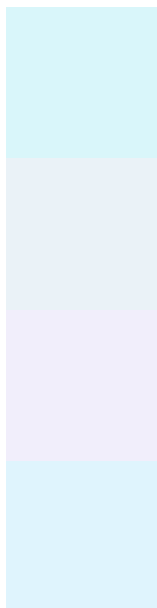




Tritanopia

81.7791, 87.6521, 107.2161

Trichromacy



Original Color

78.8264, 87.5654, 103.1897

Protanomaly

82.4723, 87.7121, 100.5791

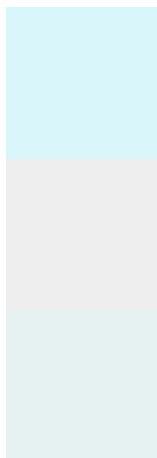
Deuteranomaly

84.2628, 86.8149, 103.5826

Tritanomaly

80.5117, 87.4812, 105.5706

Monochromacy



Original Color

78.8264, 87.5654, 103.1897

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

80.1154, 86.1444, 96.4094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.8264, 87.5654, 103.1897 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(217, 246, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 246, 250) }
```

Border

The CSS property to change the border of an element to XYZ 78.8264, 87.5654, 103.1897 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 246, 250) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(217, 246, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(217, 246, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(217, 246,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 78.8264, 87.5654, 103.1897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 246, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
246, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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