

Converting Colors

XYZ(86.3482, 90.5692,
148.6728)

Have a look what the booklet for
XYZ(86.3482, 90.5692, 148.6728)
contains.

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Color

**XYZ(78.4463, 87.2777,
107.3195)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F6FF
RGB	213, 246, 255
RGB Percent	84%, 96%, 100%
CMY	0.1647, 0.0353, 0.0000
CMYK	0.16, 0.04, 0.00, 0.00
HSL	193°, 100%, 92%
HSV	193°, 16%, 100%
XYZ	78.4463, 87.2777, 107.3195
YIQ	237.1590, -22.5570, -4.1970

Conversions

Conversions Part 2

Format	Color
R _Y B	213, 231, 255
Decimal	14022399
CIE Lab	94.86, -8.82, -7.91
CIE LCh	95, 11.844, 221.882
Yxy	87.2777, 0.2873, 0.3196
Android (android.graphics.Color)	4292212479 (0xFFD5F6FF)
YUV	237.1590, 8.7956, -21.1874
Hunter-Lab	93.4225, -13.6041, -2.7138

Details

The XYZ color **78.4463, 87.2777, 107.3195** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.3710, 78.3052, 73.8834**, and the grayscale version is **80.5675, 84.7633, 92.3072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7070, 48.1732, 60.4735** is the 20% darker color. If you saturate the color by 10%, you get **69.9870, 80.4891, 106.4550**, and if you desaturate by 10%, it is **88.1219, 94.7705, 108.2558**.

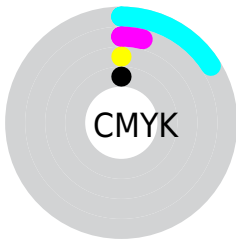
Distribution



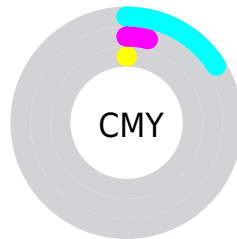
- Red (84%)
- Green (96%)
- Blue (100%)



- Red (84%)
- Yellow (91%)
- Blue (100%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4463, 87.2777, 107.3195 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 78.4463, 87.2777, 107.3195 by changing the saturation by 10% instead.

■ 78.4463, 87.2777,
107.3195

■ 78.4463, 87.2777,
107.3195

478.4979,
519.1349, 604.8593

■ 58.7447, 65.7250,
81.7764

130.1411,
143.5511, 173.3193

■ 42.6532, 48.0492,
60.6465

162.8651,
179.0407, 214.6132

■ 29.8065, 33.8659,
43.5113

200.6605,
219.9447, 261.9944

■ 19.8391, 22.7906,
29.9521

243.8929,
266.6475, 315.8815

■ 12.3857, 14.4389,
19.5505

292.9274,
319.5336, 376.6929

■ 7.0810, 8.4266,
11.8879

348.1295,

■ 3.5596, 4.3691,

378.9872, 444.8474

6.5458

409.8645,
445.3929, 520.7633

■ 1.4561, 1.8821,
3.1056

■ 0.2957, 0.5376,
1.1488

■ 78.4463, 87.2777,
107.3195

■ 78.4463, 87.2777,
107.3195

■ 69.9870, 80.4891,
106.4550

■ 88.1219, 94.7705,
108.2558

■ 62.6827, 74.3655,
105.6580

95.0500, 100.0000,
108.9000

■ 56.4766, 68.8793,
104.9262

■ 51.3044, 63.9968,
104.2563

■ 47.0950, 59.6806,
103.6451

■ 43.7675, 55.8885,
103.0885

■ 41.2275, 52.5710,
102.5820

■ 39.3570, 49.6667,
102.1200

■ 38.7938, 48.7076,
101.9646

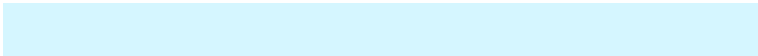
Harmonies

Analogous

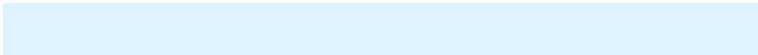
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0635, 87.2777, 98.7146



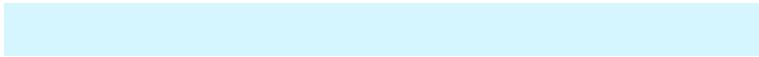
78.4463, 87.2777, 107.3195



81.0512, 87.2777, 112.8297

Triad

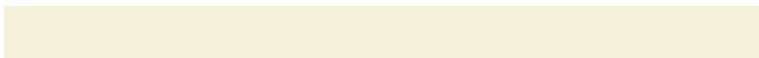
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4463, 87.2777, 107.3195



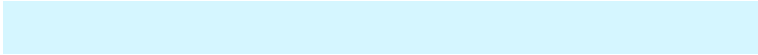
88.9569, 87.2777, 100.6311



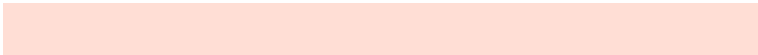
81.6912, 87.2777, 78.7695

Complementary

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



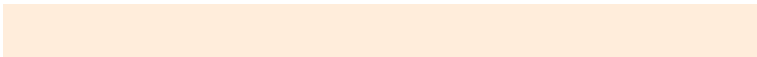
78.4463, 87.2777, 107.3195



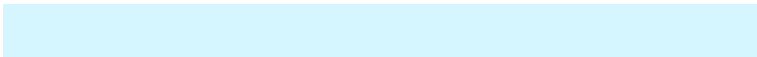
79.3710, 78.3052, 73.8834

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.



84.8880, 87.2777, 79.2093



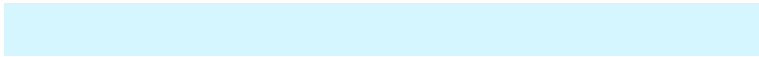
78.4463, 87.2777, 107.3195



89.1390, 87.2777, 91.4393

Square

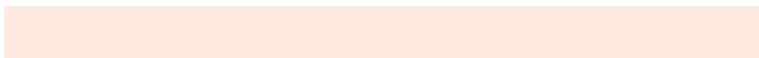
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4463, 87.2777, 107.3195



87.1416, 87.2777, 108.8001



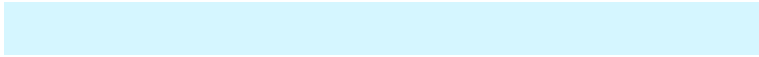
87.6329, 87.2777, 83.7175



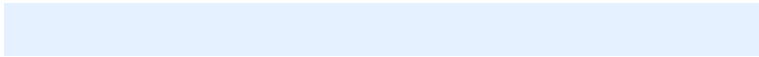
78.9044, 87.2777, 82.4747

Rectangle

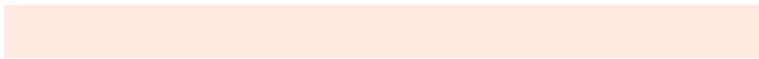
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4463, 87.2777, 107.3195



83.1576, 87.2777, 113.8040



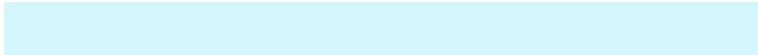
87.6329, 87.2777, 83.7175



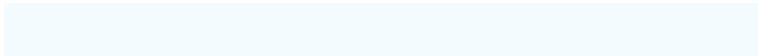
82.7524, 87.2777, 78.4443

Sweetspot

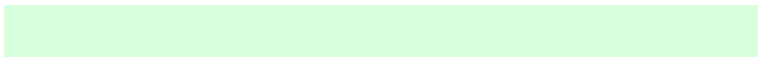
The Sweet Spot groups the original color and five complimentary colors.



78.4486, 87.2812, 107.3200



89.6489, 95.9316, 108.3994



76.3060, 90.9084, 82.2129



19.0315, 20.4141, 23.1872



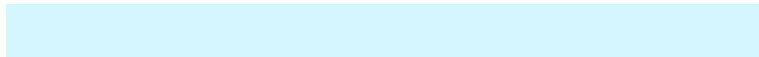
0.0000, 0.0000, 0.0000



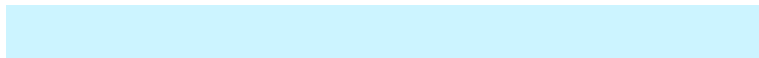
20.3446, 21.4041, 23.3091

Same Dimension

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



78.4486, 87.2812, 107.3200



75.3258, 84.8052, 107.0067



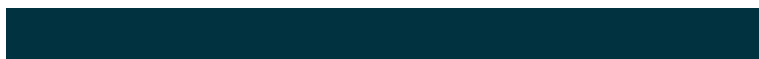
72.5794, 75.5427, 105.3636



18.2053, 19.7822, 23.1088



20.3841, 25.6778, 53.3165



2.0630, 2.6568, 5.2174

Inverse Universe

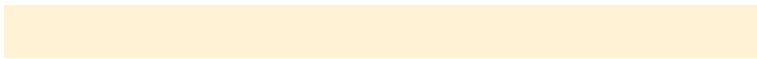
The Inverse Universe completely reimagines the original color for something new.



81.6702, 75.5038, 97.4622



79.1737, 70.9821, 95.1774



85.1220, 89.8072, 75.8004



18.6163, 18.2298, 21.8624



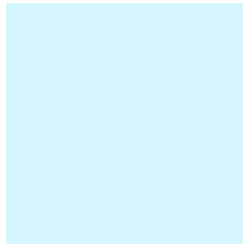
27.0772, 13.3202, 30.1205



2.6759, 1.3127, 3.1409

Previews

White Background



This preview shows how the XYZ color 78.4463, 87.2777, 107.3195 looks on a white background.

Color Contrast Check

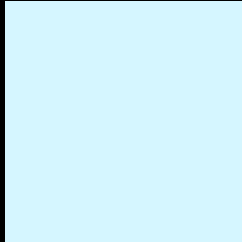
Large Text (above 18pt) WCAG AA × Fail

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 78.4463, 87.2777, 107.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

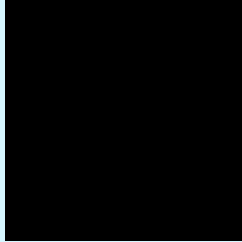
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4463, 87.2777, 107.3195

Background



This preview shows how black text looks on a background with the XYZ color 78.4463, 87.2777, 107.3195.



This preview shows how white text looks on a background with the XYZ color 78.4463, 87.2777,

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

81.1519, 87.3287, 107.1867

Trichromacy



Original Color

78.4463, 87.2777, 107.3195

Protanomaly

81.9810, 86.9278, 104.5533

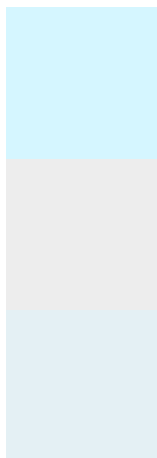
Deuteranomaly

83.8844, 86.5462, 106.8916

Tritanomaly

80.2195, 87.2935, 107.2291

Monochromacy



Original Color

78.4463, 87.2777, 107.3195

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.4841, 85.3458, 97.8721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4463, 87.2777, 107.3195 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(213, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 246, 255)  
}
```

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(213, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 246, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.4463, 87.2777, 107.3195 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(213, 246, 255) }
```


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

```
.border{ border-color:rgb(213, 246, 255) }
```

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

Here you see how a box with a 4 pixel rgb(213, 246, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 246,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4463, 87.2777, 107.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 246, 255) }
```

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

```
.background{ background-color: rgb(213,  
246, 255) }
```

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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