

Converting Colors

XYZ(78.2625, 84.7586, 99.3448)

Have a look what the booklet for
XYZ(78.2625, 84.7586, 99.3448)
contains.

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Color

**XYZ(78.2261, 84.6620,
99.4072)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF0F6
RGB	223, 240, 246
RGB Percent	87%, 94%, 96%
CMY	0.1255, 0.0588, 0.0353
CMYK	0.09, 0.02, 0.00, 0.04
HSL	196°, 56%, 92%
HSV	196°, 9%, 96%
XYZ	78.2261, 84.6620, 99.4072
YIQ	235.6010, -12.0580, -1.7380

Conversions

Conversions Part 2

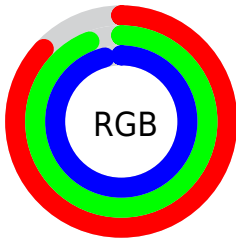
Format	Color
R _Y B	223, 233, 246
Decimal	14676214
CIE Lab	93.74, -4.44, -4.82
CIE LCh	94, 6.550, 227.373
Yxy	84.6620, 0.2982, 0.3228
Android (android.graphics.Color)	4292866294 (0xFFDFF0F6)
YUV	235.6010, 5.1267, -11.0511
Hunter-Lab	92.0120, -9.2650, 0.3531

Details

The XYZ color **78.2261, 84.6620, 99.4072** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **79.3450, 80.9587, 81.2582**, and the grayscale version is **79.3946, 83.5293, 90.9634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5832, 46.3235, 55.4122** is the 20% darker color. If you saturate the color by 10%, you get **69.3363, 77.3278, 98.4614**, and if you desaturate by 10%, it is **88.2887, 92.7044, 100.4305**.

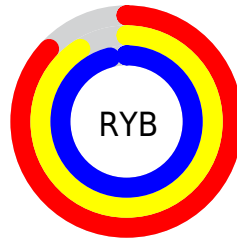
Distribution



Red (87%)

Green (94%)

Blue (96%)



Red (87%)

Yellow (91%)

Blue (96%)

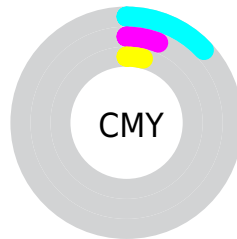


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (13%)

Magenta (6%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.2261, 84.6620, 99.4072 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 78.2261, 84.6620, 99.4072 by changing the saturation by 10% instead.

■ 78.2261, 84.6620,
99.4072

■ 78.2261, 84.6620,
99.4072

477.7624,
510.5090, 579.5209

■ 58.5632, 63.5621,
75.1914

129.8325,
139.9008, 162.3871

■ 42.5066, 46.2961,
55.2671

162.5066,
174.8086, 201.9882

■ 29.6910, 32.4796,
39.2155

200.2486,
215.0878, 247.5550

■ 19.7511, 21.7281,
26.6183

243.4236,
261.1228, 299.5058

■ 12.3214, 13.6572,
17.0569

292.3972,
313.2981, 358.2593

■ 7.0367, 7.8826,
10.1127

347.5346,

■ 3.5316, 4.0199,

371.9979, 424.2339

5.3671

409.2012,
437.6067, 497.8483

■ 1.4407, 1.6847,
2.4018

■ 0.2850, 0.4137,
0.7874

■ 78.2261, 84.6620,
99.4072

■ 78.2261, 84.6620,
99.4072

■ 69.3363, 77.3278,
98.4614

■ 88.2887, 92.7044,
100.4305

■ 61.5641, 70.6655,
97.5851

■ 92.9472, 98.0588,
101.2185

■ 54.8604, 64.6511,
96.7775

■ 93.6348, 99.4339,
101.4477

■ 49.1697, 59.2549,
96.0359

■ 44.4311, 54.4445,
95.3572

■ 40.5769, 50.1839,
94.7379

■ 37.5298, 46.4322,
94.1744

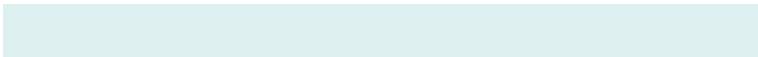
■ 35.1984, 43.1410,
93.6620

■ 33.4408, 40.2362,
93.1939

Harmonies

Analogous

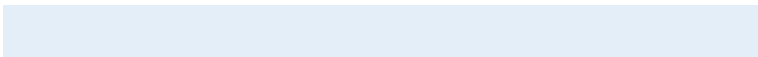
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3205, 84.6620, 95.0706



78.2261, 84.6620, 99.4072



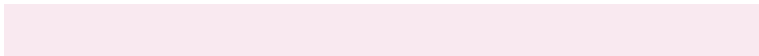
79.7402, 84.6620, 101.8433

Triad

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



78.2261, 84.6620, 99.4072



83.7748, 84.6620, 94.2912



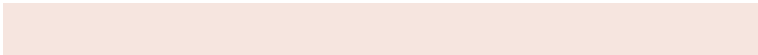
79.4747, 84.6620, 83.3445

Complementary

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



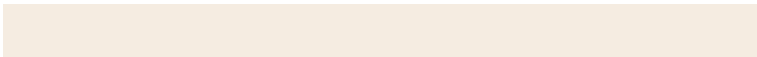
78.2261, 84.6620, 99.4072



79.3450, 80.9587, 81.2582

Split Complementary

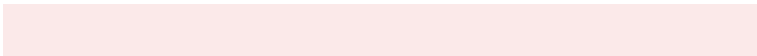
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2016, 84.6620, 83.1529



78.2261, 84.6620, 99.4072



83.7012, 84.6620, 89.3535

Square

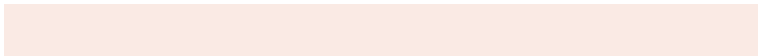
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2261, 84.6620, 99.4072



82.9533, 84.6620, 98.8189



82.7537, 84.6620, 85.3167



78.0342, 84.6620, 85.8501

Rectangle

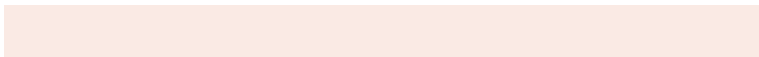
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



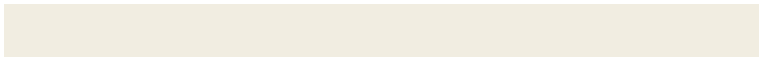
78.2261, 84.6620, 99.4072



80.8984, 84.6620, 102.0063



82.7537, 84.6620, 85.3167



80.0405, 84.6620, 83.0107

Sweetspot

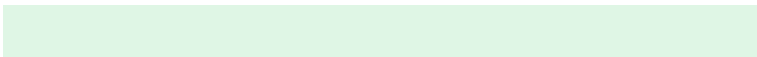
The Sweet Spot groups the original color and five complimentary colors.



78.2285, 84.6656, 99.4091



91.6584, 97.3119, 108.5599



77.4966, 87.2441, 86.7026



19.4289, 20.6775, 23.2171



0.0000, 0.0000, 0.0000



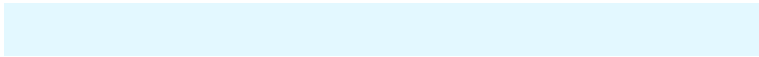
20.3446, 21.4041, 23.3091

Same Dimension

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



78.2285, 84.6656, 99.4091



83.1840, 90.4853, 107.6889



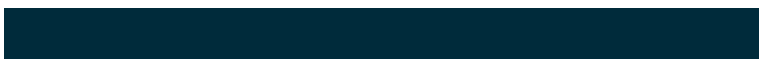
75.0176, 78.2437, 98.3388



16.6097, 17.9838, 21.1384



17.9127, 21.6191, 49.7668



1.6574, 2.0661, 4.4017

Inverse Universe

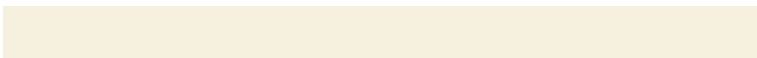
The Inverse Universe completely reimagines the original color for something new.



80.1238, 78.6612, 93.4024



85.5902, 82.9287, 100.0483



82.5604, 87.3895, 82.3300



17.0183, 16.6902, 19.8432



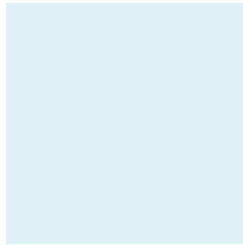
24.8460, 12.2818, 24.9612



2.2256, 1.0962, 2.4145

Previews

White Background



This preview shows how the XYZ color 78.2261, 84.6620, 99.4072 looks on a white background.

Color Contrast Check

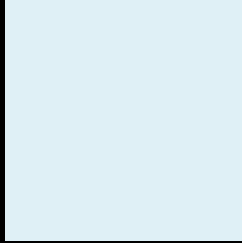
Large Text (above 18pt) WCAG AA × Fail

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 78.2261, 84.6620, 99.4072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

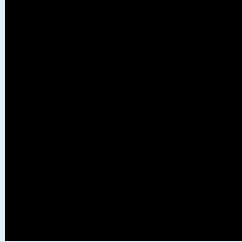
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

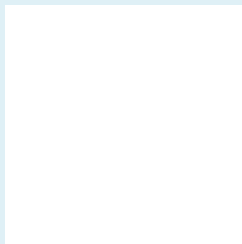
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.2261, 84.6620, 99.4072

Background



This preview shows how black text looks on a background with the XYZ color 78.2261, 84.6620, 99.4072.



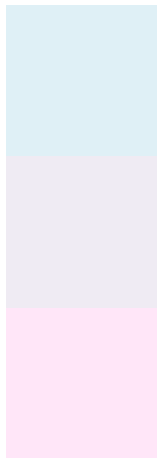
This preview shows how white text looks on a background with the XYZ color 78.2261, 84.6620,

99.4072.

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



Original Color

78.2261, 84.6620, 99.4072

Protanopia

81.4826, 84.2384, 96.7591

Deuteranopia

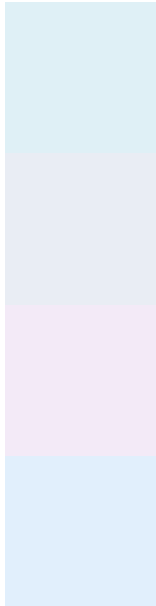
86.4801, 84.6309, 100.5843



Tritanopia

79.9886, 84.5378, 106.7093

Trichromacy



Original Color

78.2261, 84.6620, 99.4072

Protanomaly

80.2176, 84.4237, 97.6554

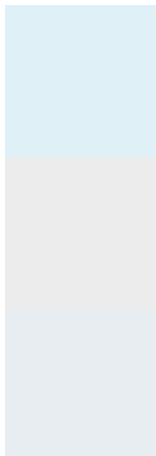
Deuteranomaly

83.1735, 84.6157, 99.9444

Tritanomaly

79.4885, 84.7688, 104.2680

Monochromacy



Original Color

78.2261, 84.6620, 99.4072

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

78.9674, 83.8486, 94.4604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.2261, 84.6620, 99.4072 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(223, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(223, 240, 246)  
}
```

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(223, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 240, 246) }
```

Border

The CSS property to change the border of an element to XYZ 78.2261, 84.6620, 99.4072 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(223, 240, 246) }
```


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

```
.border{ border-color:rgb(223, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(223, 240,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 78.2261, 84.6620, 99.4072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 240, 246) }
```

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

```
.background{ background-color: rgb(223,  
240, 246) }
```

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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