

Converting Colors

XYZ(72.2885, 80.4734, 91.0798)

Have a look what the booklet for
XYZ(72.2885, 80.4734, 91.0798)
contains.

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Color

**XYZ(72.2885, 80.4734,
91.0798)**

Conversions

Conversions Part 1

Format	Color
Hex	D3EDEC
RGB	211, 237, 236
RGB Percent	83%, 93%, 93%
CMY	0.1725, 0.0706, 0.0745
CMYK	0.11, 0.00, 0.00, 0.07
HSL	178°, 42%, 88%
HSV	178°, 11%, 93%
XYZ	72.2885, 80.4734, 91.0798
YIQ	229.1120, -15.1750, -5.8230

Conversions

Conversions Part 2

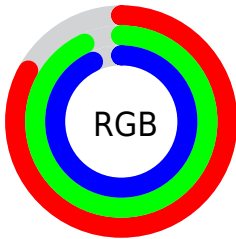
Format	Color
R _Y B	211, 224, 237
Decimal	13889004
CIE Lab	91.90, -8.67, -2.42
CIE LCh	92, 9.001, 195.567
Yxy	80.4734, 0.2965, 0.3300
Android (android.graphics.Color)	4292079084 (0xFFD3EDEC)
YUV	229.1120, 3.3958, -15.8842
Hunter-Lab	89.7070, -13.1467, 2.5975

Details

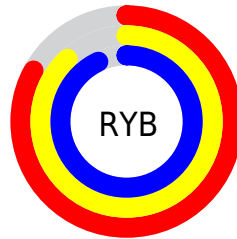
The XYZ color **72.2885, 80.4734, 91.0798** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1059, 69.3487, 71.9817**, and the grayscale version is **74.5443, 78.4264, 85.4064**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.4724, 43.4110, 49.5315** is the 20% darker color. If you saturate the color by 10%, you get **65.8610, 77.1774, 90.0887**, and if you desaturate by 10%, it is **79.7223, 84.2925, 92.1249**.

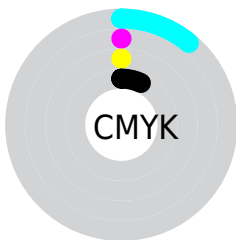
Distribution



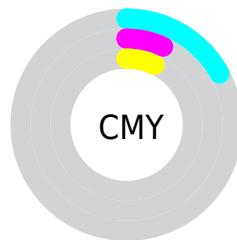
- Red (83%)
- Green (93%)
- Blue (93%)



- Red (83%)
- Yellow (88%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (17%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2885, 80.4734, 91.0798 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 72.2885, 80.4734, 91.0798 by changing the saturation by 10% instead.

■ 72.2885, 80.4734,
91.0798

■ 72.2885, 80.4734,
91.0798

457.6872,
496.5268, 552.1977

■ 53.6807, 60.1080,
68.2978

121.4752,
134.0311, 150.7860

■ 38.5761, 43.5057,
49.6719

152.7848,
167.9922, 188.5473

■ 26.6094, 30.2821,
34.7834

189.0590,
207.2540, 232.1387

■ 17.4151, 20.0528,
23.2138

230.6633,
252.2008, 281.9789

■ 10.6280, 12.4334,
14.5447

277.9628,
303.2171, 338.4863

■ 5.8827, 7.0396,
8.3574

331.3231,

■ 2.8139, 3.4869,

360.6873, 402.0796

4.2335

391.1094,
424.9957, 473.1772

■ 1.0561, 1.3909,
1.7543

■ 0.0000, 0.2100,
0.3975

■ 72.2885, 80.4734,
91.0798

■ 72.2885, 80.4734,
91.0798

■ 65.8610, 77.1774,
90.0887

■ 79.7223, 84.2925,
92.1249

■ 60.3894, 74.3719,
89.1442


■ 86.9335, 87.9945,
93.1615


■ 55.8290, 72.0361,
88.2459


■ 87.0681, 88.0483,
93.8704


■ 52.1291, 70.1438,
87.3914


■ 87.2034, 88.1024,
94.5830


 49.2338, 68.6662,
86.5781


 87.3394, 88.1568,
95.2991


 47.0809, 67.5713,
85.8030


 87.4761, 88.2115,
96.0189


 45.5989, 66.8222,
85.0629

 87.6135, 88.2665,
96.7423

 44.7023, 66.3747,
84.3537

 87.7515, 88.3217,
97.4693

 44.2697, 66.1650,
83.7340

 87.8903, 88.3772,
98.1999

Harmonies

Analogous

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



72.2666, 80.4734, 84.4896



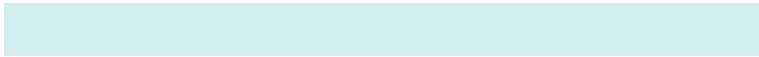
72.2885, 80.4734, 91.0798



73.4203, 80.4734, 97.0218

Triad

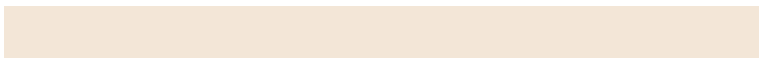
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.2885, 80.4734, 91.0798



79.7029, 80.4734, 96.8314



77.5999, 80.4734, 75.8721

Complementary

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



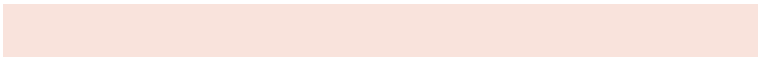
72.2885, 80.4734, 91.0798



70.1059, 69.3487, 71.9817

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.



79.6391, 80.4734, 78.8495



72.2885, 80.4734, 91.0798



80.8698, 80.4734, 90.8305

Square

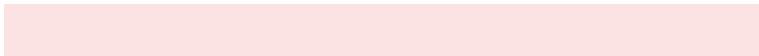
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.2885, 80.4734, 91.0798



77.6856, 80.4734, 100.4547



80.8461, 80.4734, 84.2526



75.3019, 80.4734, 75.9313

Rectangle

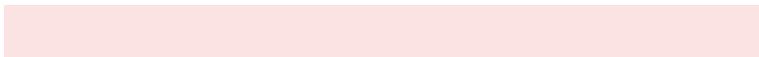
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



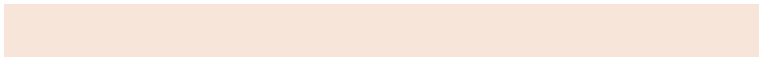
72.2885, 80.4734, 91.0798



74.6652, 80.4734, 99.7198



80.8461, 80.4734, 84.2526



78.3393, 80.4734, 76.5442

Sweetspot

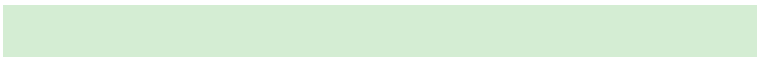
The Sweet Spot groups the original color and five complimentary colors.



72.2908, 80.4768, 91.0816



92.2438, 98.5589, 108.5208



69.2824, 79.3166, 73.2875



19.5875, 21.0153, 23.2064



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.



72.2908, 80.4768, 91.0816



83.6830, 94.1638, 107.2965



69.1588, 73.9787, 90.7590



15.4911, 17.1113, 19.2689



24.1802, 36.1265, 45.7754



1.9066, 2.8399, 3.6358

Inverse Universe

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



70.1059, 69.3487, 71.9817



80.6582, 78.7576, 80.8541



72.9934, 75.3257, 72.3215



15.0890, 15.0635, 15.7541



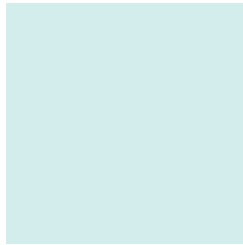
19.1061, 9.8451, 1.0939



1.5086, 0.7764, 0.1297

Previews

White Background



This preview shows how the XYZ color 72.2885, 80.4734, 91.0798 looks on a white background.

Color Contrast Check

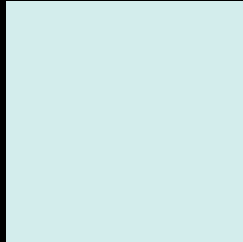
Large Text (above 18pt) WCAG AA × Fail

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 72.2885, 80.4734, 91.0798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

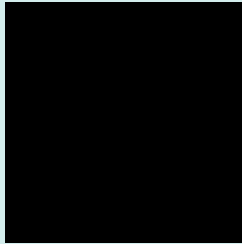
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

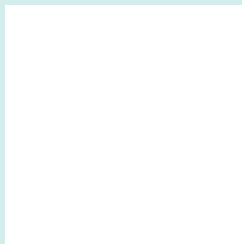
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.2885, 80.4734, 91.0798

Background



This preview shows how black text looks on a background with the XYZ color 72.2885, 80.4734, 91.0798.



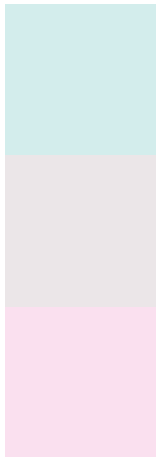
This preview shows how white text looks on a background with the XYZ color 72.2885, 80.4734,

91.0798.

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

72.2885, 80.4734, 91.0798

Protanopia

77.1233, 80.0820, 87.7365

Deuteranopia

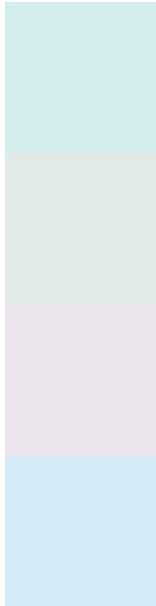
81.6600, 79.8673, 92.7733



Tritanopia

74.8840, 80.2336, 104.4683

Trichromacy



Original Color

72.2885, 80.4734, 91.0798

Protanomaly

75.2109, 80.3298, 88.6320

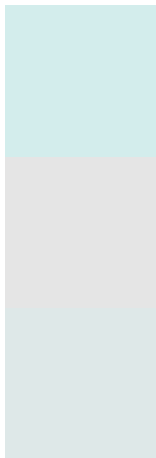
Deuteranomaly

78.0440, 80.0445, 92.2257

Tritanomaly

73.9374, 80.2782, 99.5940

Monochromacy



Original Color

72.2885, 80.4734, 91.0798

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.5463, 79.0690, 87.7295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2885, 80.4734, 91.0798 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(211, 237, 236)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 236)  
}
```

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(211, 237, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 236) }
```

Border

The CSS property to change the border of an element to XYZ 72.2885, 80.4734, 91.0798 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(211, 237, 236) }
```


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

```
.border{ border-color:rgb(211, 237, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 237, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 236);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2885, 80.4734, 91.0798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 236) }
```

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

```
.background{ background-color: rgb(211,  
237, 236) }
```

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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