

Converting Colors

XYZ(51.6960, 65.3533, 81.7003)

Have a look what the booklet for
XYZ(51.6960, 65.3533, 81.7003)
contains.

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Color

**XYZ(51.7390, 65.4591,
81.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	8CE2E2
RGB	140, 226, 226
RGB Percent	55%, 89%, 89%
CMY	0.4510, 0.1137, 0.1137
CMYK	0.38, 0.00, 0.00, 0.11
HSL	180°, 60%, 72%
HSV	180°, 38%, 89%
XYZ	51.7390, 65.4591, 81.8595
YIQ	200.2860, -51.2560, -18.2320

Conversions

Conversions Part 2

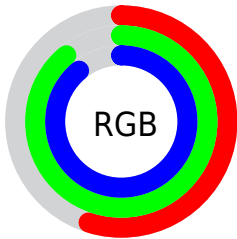
Format	Color
RYB	140, 183, 226
Decimal	9233122
CIELab	84.72, -25.88, -8.20
CIELCh	85, 27.152, 197.585
Yxy	65.4591, 0.2599, 0.3288
Android (android.graphics.Color)	4287423202 (0xFF8CE2E2)
YUV	200.2860, 12.6770, -52.8708
Hunter-Lab	80.9068, -27.4381, -3.3534

Details

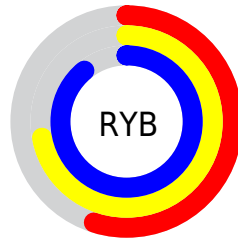
The XYZ color **51.7390, 65.4591, 81.8595** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **45.4779, 36.8202, 29.5233**, and the grayscale version is **55.0244, 57.8900, 63.0422**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **25.3816, 33.5745, 43.6709** is the 20% darker color. If you saturate the color by 10%, you get **48.3154, 63.6958, 81.7003**, and if you desaturate by 10%, it is **55.9485, 67.6307, 82.0584**.

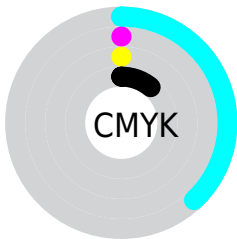
Distribution



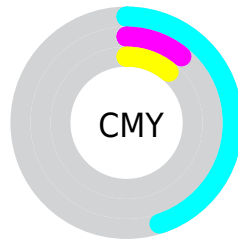
- Red (55%)
- Green (89%)
- Blue (89%)



- Red (55%)
- Yellow (72%)
- Blue (89%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7390, 65.4591, 81.8595 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 51.7390, 65.4591, 81.8595 by changing the saturation by 10% instead.

51.7390, 65.4591,
81.8595

51.7390, 65.4591,
81.8595

383.7687,
444.4399, 521.0487

37.0205, 47.8334,
60.7146

91.9227, 112.7096,
137.8119

25.3971, 33.6950,
43.5658

118.1186,
143.1033, 173.4564

16.5035, 22.6594,
29.9946

148.8711,
178.5218, 214.7712

9.9742, 14.3422,
19.5825

184.5454,
219.3495, 262.1749

5.4440, 8.3591,
11.9109

225.5070,
265.9707, 316.0859

2.5475, 4.3256,
6.5612

272.1212,

0.9193, 1.8573,

318.7700, 376.9229

3.1150

324.7533,
378.1316, 445.1043

■ 0.0000, 0.5225,
1.1536

■ 0.0000, 0.0000,
0.0000

■ 51.7390, 65.4591,
81.8595

■ 51.7390, 65.4591,
81.8595

■ 48.3154, 63.6958,
81.7003

■ 55.9485, 67.6307,
82.0584

■ 45.6238, 62.3082,
81.5739

■ 60.9822, 70.2257,
82.2944

■ 43.6125, 61.2713,
81.4793

■ 66.8829, 73.2676,
82.5709

■ 42.2206, 60.5538,
81.4138

■ 73.6888, 76.7762,
82.8899

■ 41.3767, 60.1188,
81.3738

■ 81.4356, 80.7698,
83.2529

■ 40.9797, 59.9141,
81.3548

■ 82.1656, 81.1461,
83.2874

■ 40.9246, 59.8857,
81.3522

■ 82.1657, 81.1462,
83.2879

■ 82.1658, 81.1462,
83.2883

■ 82.1659, 81.1462,
83.2887

Harmonies

Analogous

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



51.4983, 65.4591, 64.3253



51.7390, 65.4591, 81.8595



54.6706, 65.4591, 98.9156

Triad

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



51.7390, 65.4591, 81.8595



71.2395, 65.4591, 96.2856



64.7605, 65.4591, 43.3549

Complementary

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



51.7390, 65.4591, 81.8595



45.4779, 36.8202, 29.5233

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.



70.4275, 65.4591, 49.3306



51.7390, 65.4591, 81.8595



74.3282, 65.4591, 78.7056

Square

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



51.7390, 65.4591, 81.8595



65.8109, 65.4591, 108.1305



74.0218, 65.4591, 61.6425



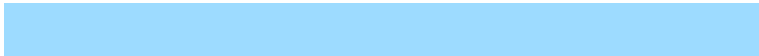
58.7562, 65.4591, 43.9178

Rectangle

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



51.7390, 65.4591, 81.8595



57.8710, 65.4591, 106.8634



74.0218, 65.4591, 61.6425



66.7752, 65.4591, 44.6192

Sweetspot

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



51.7409, 65.4617, 81.8610



85.4727, 95.0627, 108.4512



42.9903, 61.9895, 34.5117



18.0636, 20.2282, 23.2022



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.



51.7409, 65.4617, 81.8610



64.2412, 84.1175, 107.4556



41.7753, 45.5298, 78.5407



14.1166, 15.5724, 17.6493



23.3466, 34.1635, 46.4097



1.6183, 2.3680, 3.2169

Inverse Universe

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



45.4779, 36.8202, 29.5233



54.8515, 41.1774, 28.9893



52.7392, 51.3431, 31.9429



13.7073, 13.7006, 14.2289



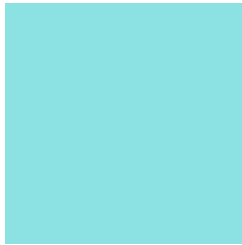
17.8932, 9.2243, 0.8375



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 51.7390, 65.4591, 81.8595 looks on a white background.

Color Contrast Check

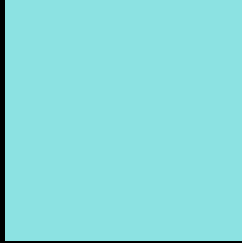
Large Text (above 18pt) WCAG AA × Fail

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 51.7390, 65.4591, 81.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

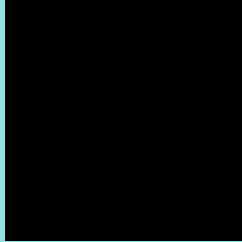
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7390, 65.4591, 81.8595

Background



This preview shows how black text looks on a background with the XYZ color 51.7390, 65.4591, 81.8595.



This preview shows how white text looks on a background with the XYZ color 51.7390, 65.4591,

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

51.7390, 65.4591, 81.8595

Protanopia

62.6357, 64.7049, 74.1538

Deuteranopia

66.3793, 64.9618, 84.6416



Tritanopia

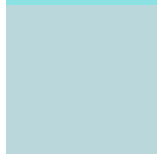
54.1843, 65.6514, 93.8206

Trichromacy



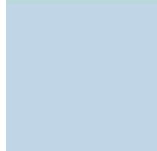
Original Color

51.7390, 65.4591, 81.8595



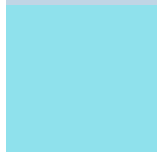
Protanomaly

57.4684, 64.2073, 77.0745



Deuteranomaly

59.6753, 64.4521, 83.4240



Tritanomaly

53.3932, 65.7462, 89.2330

Monochromacy



Original Color

51.7390, 65.4591, 81.8595



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

52.6692, 59.6694, 69.0630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7390, 65.4591, 81.8595 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(140, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(140, 226, 226)  
}
```

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(140, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 226, 226) }
```

Border

The CSS property to change the border of an element to XYZ 51.7390, 65.4591, 81.8595 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(140, 226, 226) }
```


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

```
.border{ border-color:rgb(140, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(140, 226,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7390, 65.4591, 81.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 226, 226) }
```

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

```
.background{ background-color: rgb(140,  
226, 226) }
```

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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