

Converting Colors

XYZ(51.7453, 65.8318, 82.6164)

Have a look what the booklet for
XYZ(51.7453, 65.8318, 82.6164)
contains.

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Color

**XYZ(51.8154, 65.8875,
82.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	8AE3E3
RGB	138, 227, 227
RGB Percent	54%, 89%, 89%
CMY	0.4588, 0.1098, 0.1098
CMYK	0.39, 0.00, 0.00, 0.11
HSL	180°, 61%, 72%
HSV	180°, 39%, 89%
XYZ	51.8154, 65.8875, 82.6596
YIQ	200.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

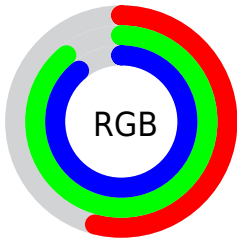
Format	Color
R_{YB}	138, 183, 227
Decimal	9102307
CIE _{Lab}	84.94, -26.63, -8.42
CIE _{LCh}	85, 27.926, 197.540
Yxy	65.8875, 0.2586, 0.3288
Android (android.graphics.Color)	4287292387 (0xFF8AE3E3)
YUV	200.3890, 13.1192, -54.7152
Hunter-Lab	81.1711, -28.1044, -3.5575

Details

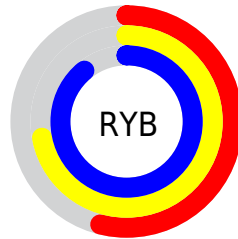
The XYZ color **51.8154, 65.8875, 82.6596** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **45.3567, 36.3447, 28.6717**, and the grayscale version is **55.0861, 57.9549, 63.1129**.

A 20% lighter version of the original color is **76.3157, 90.3421, 108.0232**, and **25.4026, 33.8537, 44.2253** is the 20% darker color. If you saturate the color by 10%, you get **48.4456, 64.1519, 82.5029**, and if you desaturate by 10%, it is **55.9740, 68.0329, 82.8561**.

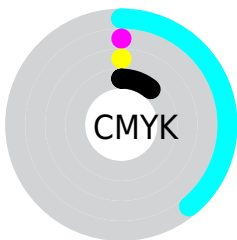
Distribution



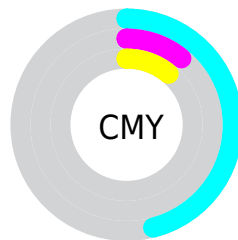
- Red (54%)
- Green (89%)
- Blue (89%)



- Red (54%)
- Yellow (72%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)





- Cyan (46%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8154, 65.8875, 82.6596 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 51.8154, 65.8875, 82.6596 by changing the saturation by 10% instead.

 51.8154, 65.8875,
82.6596


 51.8154, 65.8875,
82.6596


384.0592,
445.9744, 523.7926

 37.0816, 48.1811,
61.3704


 92.0348, 113.3249,
138.9436

 25.4447, 33.9703,
44.0917


 118.2511,
143.8246, 174.7754

 16.5391, 22.8708,
30.4049

149.0256,
179.3575, 216.2919

 9.9997, 14.4981,
19.8914

184.7238,
220.3081, 263.9115

 5.4610, 8.4679,
12.1329

225.7108,
267.0607, 318.0529

 2.5577, 4.3958,
6.7106

272.3522,

 0.9245, 1.8973,

319.9997, 379.1345

3.2061

325.0132,
379.5094, 447.5749

■ 0.0000, 0.5468,
1.2008

■ 0.0000, 0.0000,
0.0000

■ 51.8154, 65.8875,
82.6596

■ 51.8154, 65.8875,
82.6596

■ 48.4456, 64.1519,
82.5029

■ 55.9740, 68.0329,
82.8561

■ 45.8094, 62.7929,
82.3790

■ 60.9605, 70.6035,
83.0900

■ 43.8540, 61.7849,
82.2871

■ 66.8185, 73.6234,
83.3646

■ 42.5168, 61.0955,
82.2240

■ 73.5869, 77.1126,
83.6818

■ 41.7238, 60.6867,
82.1864

■ 81.3020, 81.0900,
84.0433

■ 41.3575, 60.4979,
82.1688

■ 82.5761, 81.7467,
84.1034

■ 41.3350, 60.4863,
82.1677

■ 82.5762, 81.7468,
84.1039

■ 82.5762, 81.7468,
84.1044

■ 82.5763, 81.7468,
84.1048

Harmonies

Analogous

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



51.5720, 65.8875, 64.5440



51.8154, 65.8875, 82.6596



54.8312, 65.8875, 100.3537

Triad

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



51.8154, 65.8875, 82.6596



71.9483, 65.8875, 97.6708



65.2621, 65.8875, 43.0263

Complementary

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



51.8154, 65.8875, 82.6596



45.3567, 36.3447, 28.6717

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.



71.1224, 65.8875, 49.1592



51.8154, 65.8875, 82.6596



75.1521, 65.8875, 79.4525

Square

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



51.8154, 65.8875, 82.6596



66.3290, 65.8875, 109.9651



74.8402, 65.8875, 61.8276



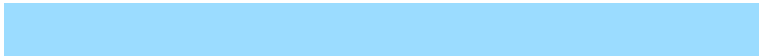
59.0598, 65.8875, 43.5921

Rectangle

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



51.8154, 65.8875, 82.6596



58.1293, 65.8875, 108.6226



74.8402, 65.8875, 61.8276



67.3449, 65.8875, 44.3236

Sweetspot

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



51.8173, 65.8901, 82.6611



84.6745, 94.6512, 108.4137



42.7868, 62.3064, 33.8174



17.9045, 20.1462, 23.1947



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.



51.8173, 65.8901, 82.6611



63.8253, 83.9031, 107.4358



41.4853, 45.2255, 79.2189



14.8075, 16.3364, 18.5170



24.1057, 35.2744, 47.9186



1.7813, 2.6067, 3.5410

Inverse Universe

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



45.3567, 36.3447, 28.6717



54.3089, 40.3834, 27.9107



52.7956, 51.2227, 31.1505



14.3771, 14.3680, 14.9201



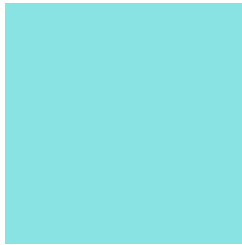
18.4751, 9.5242, 0.8648



1.3652, 0.7038, 0.0639

Previews

White Background



This preview shows how the XYZ color 51.8154, 65.8875, 82.6596 looks on a white background.

Color Contrast Check

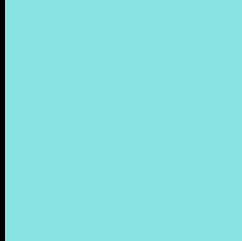
Large Text (above 18pt) WCAG AA × Fail

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 51.8154, 65.8875, 82.6596 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 51.8154, 65.8875, 82.6596

Background



This preview shows how black text looks on a background with the XYZ color 51.8154, 65.8875, 82.6596.



This preview shows how white text looks on a background with the XYZ color 51.8154, 65.8875,

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

51.8154, 65.8875, 82.6596

Protanopia

63.0116, 65.2491, 74.9189

Deuteranopia

66.5210, 65.0184, 85.3877



Tritanopia

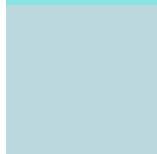
54.2582, 66.0723, 94.6875

Trichromacy



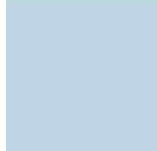
Original Color

51.8154, 65.8875, 82.6596



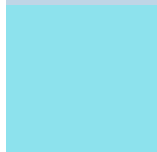
Protanomaly

57.8567, 64.7713, 77.8593



Deuteranomaly

59.5630, 64.3780, 84.1498



Tritanomaly

53.4669, 66.1699, 90.0748

Monochromacy



Original Color

51.8154, 65.8875, 82.6596



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

52.8109, 60.0934, 69.7885

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8154, 65.8875, 82.6596 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(138, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(138, 227, 227)  
}
```

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(138, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 227, 227) }
```

Border

The CSS property to change the border of an element to XYZ 51.8154, 65.8875, 82.6596 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(138, 227, 227) }
```


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

```
.border{ border-color:rgb(138, 227, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 227, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(138, 227,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8154, 65.8875, 82.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 227, 227) }
```

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

```
.background{ background-color: rgb(138,  
227, 227) }
```

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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