

Converting Colors

XYZ(53.0678, 65.3098, 81.9993)

Have a look what the booklet for
XYZ(53.0678, 65.3098, 81.9993)
contains.

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Color

**XYZ(52.9608, 65.2863,
81.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	96E0E2
RGB	150, 224, 226
RGB Percent	59%, 88%, 89%
CMY	0.4118, 0.1216, 0.1137
CMYK	0.34, 0.01, 0.00, 0.11
HSL	182°, 57%, 74%
HSV	182°, 34%, 89%
XYZ	52.9608, 65.2863, 81.7617
YIQ	202.1020, -44.7460, -15.0660

Conversions

Conversions Part 2

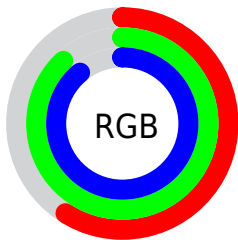
Format	Color
R_{YB}	150, 187, 226
Decimal	9887970
CIE _{Lab}	84.63, -22.31, -8.28
CIE _{LCh}	85, 23.801, 200.369
Yxy	65.2863, 0.2648, 0.3264
Android (android.graphics.Color)	4288078050 (0xFF96E0E2)
YUV	202.1020, 11.7817, -45.6935
Hunter-Lab	80.7999, -24.4010, -3.4358

Details

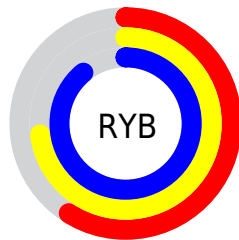
The XYZ color **52.9608, 65.2863, 81.7617** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0982, 40.8279, 34.2012**, and the grayscale version is **56.1530, 59.0774, 64.3352**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **26.2580, 33.7491, 43.6584** is the 20% darker color. If you saturate the color by 10%, you get **49.0376, 63.0288, 81.5338**, and if you desaturate by 10%, it is **57.6904, 67.9635, 82.0303**.

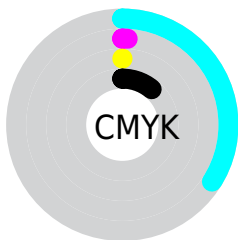
Distribution



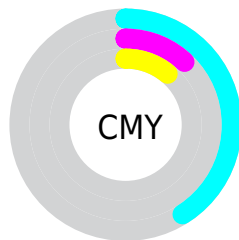
- Red (59%)
- Green (88%)
- Blue (89%)



- Red (59%)
- Yellow (73%)
- Blue (89%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (11%)



- Cyan (41%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9608, 65.2863, 81.7617 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 52.9608, 65.2863, 81.7617 by changing the saturation by 10% instead.

■ 52.9608, 65.2863,
81.7617

■ 52.9608, 65.2863,
81.7617

388.3980,
443.8201, 520.7127

■ 37.9988, 47.6933,
60.6345

■ 93.7126, 112.4614,
137.6735

■ 26.1590, 33.5840,
43.5016

■ 120.2330,
142.8122, 173.2951

■ 17.0759, 22.5742,
29.9446

151.3371,
178.1844, 214.5852

■ 10.3843, 14.2794,
19.5448

187.3900,
218.9624, 261.9624

■ 5.7187, 8.3153,
11.8838

228.7573,
265.5306, 315.8452

■ 2.7138, 4.2973,
6.5430

275.8041,

■ 1.0043, 1.8412,

318.2733, 376.6522

3.1039

328.8959,
377.5750, 444.8018

0.0000, 0.5127,
1.1479

0.0000, 0.0000,
0.0000

52.9608, 65.2863,
81.7617

52.9608, 65.2863,
81.7617

49.0376, 63.0288,
81.5338

57.6904, 67.9635,
82.0303

45.8688, 61.1595,
81.3400

63.2632, 71.0747,
82.3371

43.4053, 59.6546,
81.1794

69.7207, 74.6427,
82.6854

41.5898, 58.4845,
81.0492

77.1000, 78.6868,
83.0771

■ 40.3561, 57.6152,
80.9465

■ 82.4297, 81.6751,
83.3730

■ 39.6239, 57.0053,
80.8673

■ 82.5924, 82.0006,
83.4272

■ 39.3370, 56.7097,
80.8254

■ 82.7557, 82.3272,
83.4817

■ 82.9196, 82.6549,
83.5363

■ 83.0840, 82.9837,
83.5911

Harmonies

Analogous

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



52.5169, 65.2863, 66.3026



52.9608, 65.2863, 81.7617



55.7626, 65.2863, 96.0803

Triad

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



52.9608, 65.2863, 81.7617



70.2568, 65.2863, 91.4257



63.7774, 65.2863, 45.9687

Complementary

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



52.9608, 65.2863, 81.7617



48.0982, 40.8279, 34.2012

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.



68.7988, 65.2863, 50.8517



52.9608, 65.2863, 81.7617



72.6780, 65.2863, 76.0934

Square

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



52.9608, 65.2863, 81.7617



65.6763, 65.2863, 102.1887



72.1297, 65.2863, 61.3820



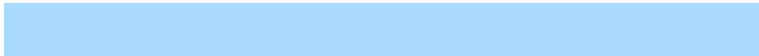
58.5648, 65.2863, 47.0364

Rectangle

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



52.9608, 65.2863, 81.7617



58.6837, 65.2863, 102.3528



72.1297, 65.2863, 61.3820



65.5481, 65.2863, 46.9387

Sweetspot

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



52.9627, 65.2889, 81.7632



86.0694, 95.0535, 108.4186



45.3830, 63.1211, 39.1850



18.1730, 20.2073, 23.1925



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.



52.9627, 65.2889, 81.7632



66.0975, 83.8137, 107.3017



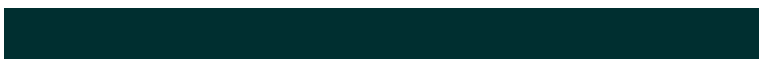
44.0203, 47.4041, 78.7824



14.0841, 15.5073, 17.6386



22.4560, 32.3815, 46.1151



1.5664, 2.2643, 3.1997

Inverse Universe

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



55.7265, 43.3648, 75.9570



70.2525, 51.0910, 98.5196



55.1254, 54.8822, 36.5435



14.2787, 13.9291, 17.2376



25.2749, 12.1770, 39.7091



1.7569, 0.8460, 2.7787

Previews

White Background



This preview shows how the XYZ color 52.9608, 65.2863, 81.7617 looks on a white background.

Color Contrast Check

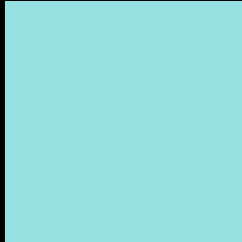
Large Text (above 18pt) WCAG AA × Fail

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 52.9608, 65.2863, 81.7617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

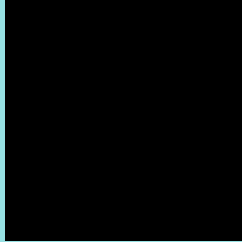
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.9608, 65.2863, 81.7617

Background



This preview shows how black text looks on a background with the XYZ color 52.9608, 65.2863, 81.7617.



This preview shows how white text looks on a background with the XYZ color 52.9608, 65.2863,

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

52.9608, 65.2863, 81.7617

Protanopia

62.4762, 64.6077, 74.8233

Deuteranopia

66.2385, 64.9054, 83.8998



Tritanopia

54.9863, 65.3061, 92.1453

Trichromacy



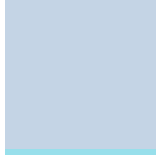
Original Color

52.9608, 65.2863, 81.7617



Protanomaly

57.9511, 64.0793, 77.0243



Deuteranomaly

60.4513, 64.4799, 83.3885



Tritanomaly

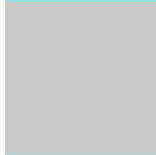
54.3320, 65.4489, 88.3666

Monochromacy



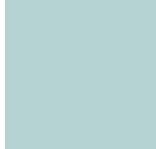
Original Color

52.9608, 65.2863, 81.7617



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.3329, 60.8636, 70.5122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9608, 65.2863, 81.7617 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(150, 224, 226)` looks like.

```
.text, #text, p{  
    color:rgb(150, 224, 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(150, 224, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 224, 226) }
```

Border

The CSS property to change the border of an element to XYZ 52.9608, 65.2863, 81.7617 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(150, 224, 226) }
```


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

```
.border{ border-color:rgb(150, 224, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 224, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 224, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 224, 226);  
box-shadow:4px 4px 4px 4px rgb(150, 224,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9608, 65.2863, 81.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 224, 226) }
```

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

```
.background{ background-color: rgb(150,  
224, 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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