

Converting Colors

XYZ(53.5471, 66.0070, 83.5846)

Have a look what the booklet for
XYZ(53.5471, 66.0070, 83.5846)
contains.

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Color

**XYZ(53.5065, 65.9359,
83.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	96E1E4
RGB	150, 225, 228
RGB Percent	59%, 88%, 89%
CMY	0.4118, 0.1176, 0.1059
CMYK	0.34, 0.01, 0.00, 0.11
HSL	182°, 59%, 74%
HSV	182°, 34%, 89%
XYZ	53.5065, 65.9359, 83.3056
YIQ	202.9170, -45.6630, -14.9670

Conversions

Conversions Part 2

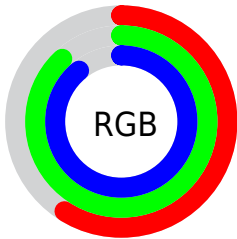
Format	Color
RYB	150, 188, 228
Decimal	9888228
CIELab	84.96, -22.34, -8.85
CIELCh	85, 24.026, 201.607
Yxy	65.9359, 0.2639, 0.3252
Android (android.graphics.Color)	4288078308 (0xFF96E1E4)
YUV	202.9170, 12.3659, -46.4082
Hunter-Lab	81.2009, -24.4809, -3.9861

Details

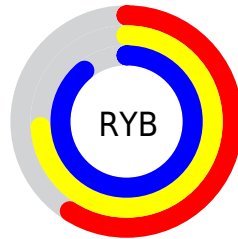
The XYZ color **53.5065, 65.9359, 83.3056** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.8921, 41.4792, 34.2851**, and the grayscale version is **56.6597, 59.6104, 64.9157**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **26.6369, 34.1995, 44.7324** is the 20% darker color. If you saturate the color by 10%, you get **49.4766, 63.5092, 83.0507**, and if you desaturate by 10%, it is **58.3578, 68.7910, 83.6021**.

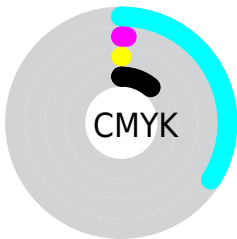
Distribution



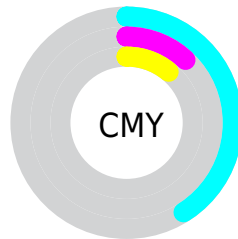
- Red (59%)
- Green (88%)
- Blue (89%)



- Red (59%)
- Yellow (74%)
- 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 53.5065, 65.9359, 83.3056 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 53.5065, 65.9359, 83.3056 by changing the saturation by 10% instead.

 53.5065, 65.9359,
83.3056


 53.5065, 65.9359,
83.3056


390.4545,
446.1476, 526.0021

 38.4364, 48.2204,
61.9002


 94.5104, 113.3943,
139.8565

 26.5003, 34.0014,
44.5168

 121.1749,
143.9060, 175.8390

 17.3329, 22.8947,
30.7368


152.4349,
179.4519, 217.5177

 10.5689, 14.5158,
20.1418

188.6557,
220.4163, 265.3111

 5.8429, 8.4803,
12.3130

230.2027,
267.1837, 319.6376

 2.7895, 4.4038,
6.8321

277.4412,

 1.0435, 1.9019,

320.1384, 380.9160

3.2805

330.7367,
379.6650, 449.5646

0.0000, 0.5495,
1.2396

0.0000, 0.0000,
0.0115

53.5065, 65.9359,
83.3056

53.5065, 65.9359,
83.3056

49.4766, 63.5092,
83.0507

58.3578, 68.7910,
83.6021

46.2146, 61.4787,
82.8307

64.0684, 72.0893,
83.9378

43.6702, 59.8198,
82.6446

70.6807, 75.8542,
84.3160

41.7842, 58.5022,
82.4897

78.2328, 80.1055,
84.7385

■ 40.4885, 57.4907,
82.3628

■ 83.3698, 83.1135,
85.0484

■ 39.6996, 56.7422,
82.2599

■ 83.6134, 83.6007,
85.1296

■ 39.3978, 56.3896,
82.2077

■ 83.8582, 84.0904,
85.2112

■ 84.1043, 84.5825,
85.2932

■ 84.3516, 85.0771,
85.3756

Harmonies

Analogous

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



52.9520, 65.9359, 67.5409



53.5065, 65.9359, 83.3056



56.4422, 65.9359, 97.7037

Triad

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



53.5065, 65.9359, 83.3056



71.1627, 65.9359, 91.8828



64.1974, 65.9359, 46.2170

Complementary

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



53.5065, 65.9359, 83.3056



48.8921, 41.4792, 34.2851

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.



69.3401, 65.9359, 50.9233



53.5065, 65.9359, 83.3056



73.5099, 65.9359, 76.2199

Square

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



53.5065, 65.9359, 83.3056



66.5706, 65.9359, 103.1296



72.8244, 65.9359, 61.3931



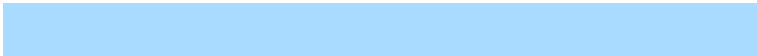
58.9250, 65.9359, 47.5497

Rectangle

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



53.5065, 65.9359, 83.3056



59.4517, 65.9359, 103.8574



72.8244, 65.9359, 61.3931



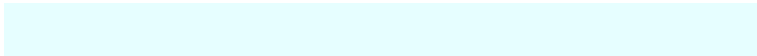
66.0026, 65.9359, 47.1176

Sweetspot

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



53.5085, 65.9385, 83.3071



85.9711, 94.8567, 108.3858



46.0392, 64.2588, 39.9423



18.1490, 20.1593, 23.1845



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.



53.5085, 65.9385, 83.3071



65.2022, 82.7300, 107.1397



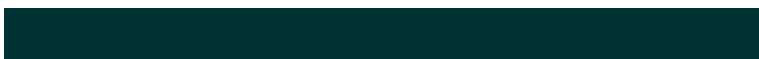
44.2260, 47.3736, 80.2130



14.7575, 16.2364, 18.5005



22.7703, 32.6028, 47.4760



1.6975, 2.4390, 3.5133

Inverse Universe

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



56.4935, 43.7445, 76.7031



69.6281, 50.1805, 97.2680



56.2632, 56.2213, 36.7421



14.9699, 14.6052, 18.0420



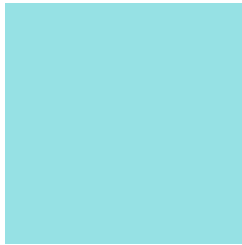
25.8869, 12.4890, 39.8950



1.9205, 0.9259, 2.9877

Previews

White Background



This preview shows how the XYZ color 53.5065, 65.9359, 83.3056 looks on a white background.

Color Contrast Check

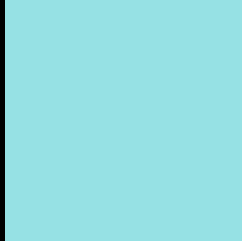
Large Text (above 18pt) WCAG AA × Fail

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 53.5065, 65.9359, 83.3056 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 53.5065, 65.9359, 83.3056

Background



This preview shows how black text looks on a background with the XYZ color 53.5065, 65.9359, 83.3056.

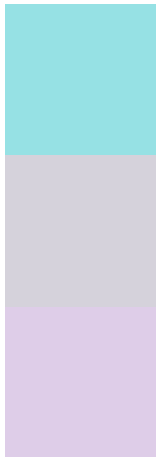


This preview shows how white text looks on a background with the XYZ color 53.5065, 65.9359,

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

53.5065, 65.9359, 83.3056

Protanopia

63.2733, 65.3538, 76.2975

Deuteranopia

66.5210, 65.0184, 85.3877



Tritanopia

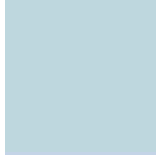
55.4017, 65.8985, 93.0188

Trichromacy



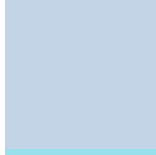
Original Color

53.5065, 65.9359, 83.3056



Protanomaly

58.7205, 64.8220, 78.5242



Deuteranomaly

60.7322, 64.5923, 84.8679



Tritanomaly

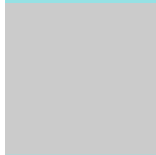
54.7449, 66.0428, 89.2191

Monochromacy



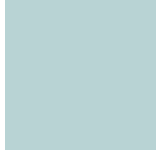
Original Color

53.5065, 65.9359, 83.3056



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.9451, 61.5323, 71.2684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5065, 65.9359, 83.3056 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, 225, 228)` looks like.

```
.text, #text, p{  
    color:rgb(150, 225, 228)  
}
```

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, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 225, 228) }
```

Border

The CSS property to change the border of an element to XYZ 53.5065, 65.9359, 83.3056 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, 225, 228) }
```


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

```
.border{ border-color:rgb(150, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(150, 225,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5065, 65.9359, 83.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 225, 228) }
```

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

```
.background{ background-color: rgb(150,  
225, 228) }
```

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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