

Converting Colors

XYZ(52.4447, 65.7291, 75.2364)

Have a look what the booklet for
XYZ(52.4447, 65.7291, 75.2364)
contains.

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Color

**XYZ(52.3985, 65.5356,
75.5336)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 98E1D9 |
| RGB | 152, 225, 217 |
| RGB Percent | 60%, 88%, 85% |
| CMY | 0.4039, 0.1176, 0.1490 |
| CMYK | 0.32, 0.00, 0.04, 0.12 |
| HSL | 173°, 55%, 74% |
| HSV | 173°, 32%, 88% |
| XYZ | 52.3985, 65.5356, 75.5336 |
| YIQ | 202.2610, -40.9400, -17.9640 |

Conversions

Conversions Part 2

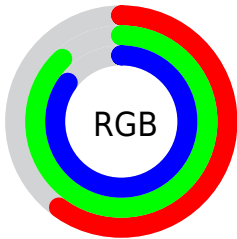
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 152, 191, 225 |
| Decimal | 10019289 |
| CIELab | 84.76, -24.33, -3.33 |
| CIElCh | 85, 24.551, 187.784 |
| Yxy | 65.5356, 0.2708, 0.3387 |
| Android (android.graphics.Color) | 4288209369 (0xFF98E1D9) |
| YUV | 202.2610, 7.2663, -44.0789 |
| Hunter-Lab | 80.9541, -26.1333, 1.3477 |

Details

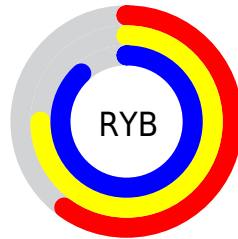
The XYZ color **52.3985, 65.5356, 75.5336** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.6270, 41.0039, 38.6119**, and the grayscale version is **56.2778, 59.2087, 64.4782**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **25.7466, 33.5812, 39.3073** is the 20% darker color. If you saturate the color by 10%, you get **48.2622, 63.4417, 73.6790**, and if you desaturate by 10%, it is **57.3422, 68.0485, 77.4539**.

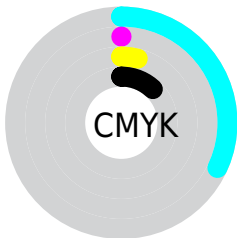
Distribution



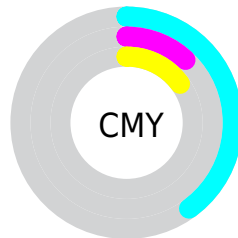
- Red (60%)
- Green (88%)
- Blue (85%)



- Red (60%)
- Yellow (75%)
- Blue (88%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)




- Cyan (40%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3985, 65.5356, 75.5336 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 52.3985, 65.5356, 75.5336 by changing the saturation by 10% instead.


 52.3985, 65.5356,
75.5336


 52.3985, 65.5356,
75.5336


386.2719,
444.7142, 499.0539

 37.5484, 47.8955,
55.5458


 92.8894, 112.8195,
128.8214

 25.8080, 33.7441,
39.4373

 119.2609,
143.2322, 162.9586

 16.8120, 22.6971,
26.7897


150.2036,
178.6711, 202.6492

 10.1950, 14.3700,
17.1843

186.0828,
219.5207, 248.3119

 5.5917, 8.3785,
10.2026

227.2638,
266.1655, 300.3651

 2.6367, 4.3381,
5.4261

274.1121,

 0.9647, 1.8644,

318.9897, 359.2275

2.4363

326.9930,
378.3778, 425.3176

■ 0.0000, 0.5268,
0.8061

■ 0.0000, 0.0000,
0.0000

■ 52.3985, 65.5356,
75.5336

■ 52.3985, 65.5356,
75.5336

■ 48.2622, 63.4417,
73.6790

■ 57.3422, 68.0485,
77.4539

■ 44.8823, 61.7356,
71.8833

■ 63.1294, 70.9940,
79.4373

■ 42.2109, 60.3941,
70.1456

■ 69.8008, 74.3947,
81.4874

■ 40.1921, 59.3885,
68.4631

■ 77.3928, 78.2695,
83.6059

■ 38.7616, 58.6857,
66.8328

■ 82.3560, 80.7886,
85.6269

■ 37.8422, 58.2457,
65.2508

■ 82.7036, 80.9276,
87.4574

■ 37.3913, 58.0387,
64.0832

■ 83.0561, 81.0686,
89.3138

■ 83.4136, 81.2116,
91.1963

■ 83.7760, 81.3566,
93.1048

Harmonies

Analogous

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



53.0130, 65.5356, 60.5186



52.3985, 65.5356, 75.5336



54.3083, 65.5356, 91.5445

Triad

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



52.3985, 65.5356, 75.5336



68.9886, 65.5356, 98.0375



66.3697, 65.5356, 46.8539

Complementary

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



52.3985, 65.5356, 75.5336



48.6270, 41.0039, 38.6119

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.



71.0170, 65.5356, 54.3797



52.3985, 65.5356, 75.5336



72.5899, 65.5356, 83.4182

Square

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



52.3985, 65.5356, 75.5336



63.7313, 65.5356, 105.7252



73.3532, 65.5356, 67.3375



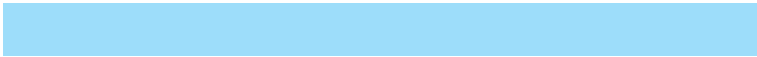
60.8698, 65.5356, 45.3835

Rectangle

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



52.3985, 65.5356, 75.5336



56.8260, 65.5356, 100.1356



73.3532, 65.5356, 67.3375



68.0927, 65.5356, 48.6996

Sweetspot

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



52.4004, 65.5382, 75.5351



85.8360, 95.3016, 106.1366



47.1954, 63.6471, 39.5047



18.1161, 20.2679, 22.6360



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.



52.4004, 65.5382, 75.5351



65.7274, 85.0807, 98.6240



46.5115, 52.0539, 78.8332



14.0484, 15.5451, 17.2904



21.5725, 33.4539, 37.0674



1.5140, 2.3263, 2.6681

Inverse Universe

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



48.6270, 41.0039, 38.6119



59.9776, 47.6560, 42.3315



53.0390, 50.9125, 36.7387



13.7680, 13.7248, 14.5485



18.0132, 9.2723, 1.4694



1.2694, 0.6510, 0.2113

Previews

White Background



This preview shows how the XYZ color 52.3985, 65.5356, 75.5336 looks on a white background.

Color Contrast Check

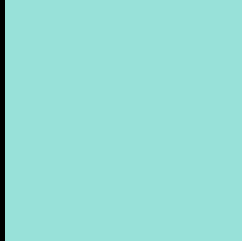
Large Text (above 18pt) WCAG AA × Fail

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 52.3985, 65.5356, 75.5336 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

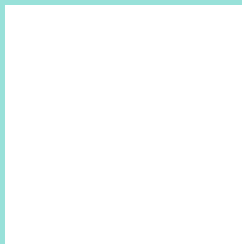
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3985, 65.5356, 75.5336

Background



This preview shows how black text looks on a background with the XYZ color 52.3985, 65.5356, 75.5336.



This preview shows how white text looks on a background with the XYZ color 52.3985, 65.5356,

75.5336.

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

52.3985, 65.5356, 75.5336

Protanopia

62.4561, 65.0943, 68.9472

Deuteranopia

66.0080, 64.5749, 77.3918



Tritanopia

55.6059, 65.6426, 91.4009

Trichromacy



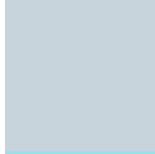
Original Color

52.3985, 65.5356, 75.5336



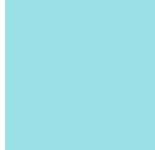
Protanomaly

57.7965, 64.5105, 71.0336



Deuteranomaly

60.0149, 64.3964, 76.9768



Tritanomaly

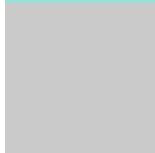
54.3290, 65.5134, 85.3832

Monochromacy



Original Color

52.3985, 65.5356, 75.5336



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

54.0762, 60.7885, 67.9147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3985, 65.5356, 75.5336 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(152, 225, 217)` looks like.

```
.text, #text, p{  
    color:rgb(152, 225, 217)  
}
```

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(152, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 225, 217) }
```

Border

The CSS property to change the border of an element to XYZ 52.3985, 65.5356, 75.5336 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(152, 225, 217) }
```


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

```
.border{ border-color:rgb(152, 225, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(152, 225,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3985, 65.5356, 75.5336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 225, 217) }
```

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

```
.background{ background-color: rgb(152,  
225, 217) }
```

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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