

Converting Colors

XYZ(53.5420, 65.9809, 63.9465)

Have a look what the booklet for
XYZ(53.5420, 65.9809, 63.9465)
contains.

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Color

**XYZ(53.5420, 65.9809,
63.9465)**

Conversions

Conversions Part 1

Format	Color
Hex	AAE0C7
RGB	170, 224, 199
RGB Percent	67%, 88%, 78%
CMY	0.3333, 0.1216, 0.2196
CMYK	0.24, 0.00, 0.11, 0.12
HSL	152°, 47%, 77%
HSV	152°, 24%, 88%
XYZ	53.5420, 65.9809, 63.9465
YIQ	205.0040, -24.1590, -19.2230

Conversions

Conversions Part 2

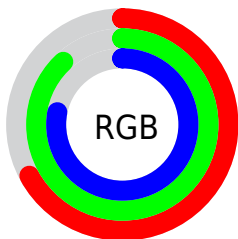
Format	Color
RYB	170, 205, 224
Decimal	11198663
CIELab	84.99, -22.35, 6.63
CIELCh	85, 23.308, 163.480
Yxy	65.9809, 0.2918, 0.3596
Android (android.graphics.Color)	4289388743 (0xFFAAE0C7)
YUV	205.0040, -2.9600, -30.6985
Hunter-Lab	81.2286, -24.4915, 10.1845

Details

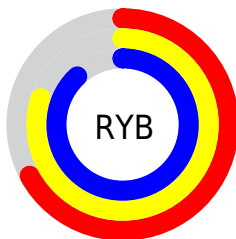
The XYZ color **53.5420, 65.9809, 63.9465** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.9678, 48.5384, 58.1042**, and the grayscale version is **58.0616, 61.0853, 66.5219**.

A 20% lighter version of the original color is **85.1740, 94.9088, 108.4378**, and **26.6349, 34.2022, 31.9859** is the 20% darker color. If you saturate the color by 10%, you get **47.9429, 63.2307, 57.6120**, and if you desaturate by 10%, it is **60.0520, 69.1948, 70.7549**.

Distribution



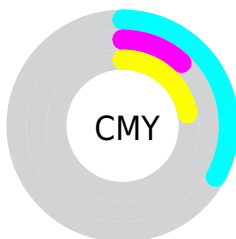
- Red (67%)
- Green (88%)
- Blue (78%)



- Red (67%)
- Yellow (80%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)




- Cyan (33%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5420, 65.9809, 63.9465 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 53.5420, 65.9809, 63.9465 by changing the saturation by 10% instead.


 53.5420, 65.9809,
63.9465

 53.5420, 65.9809,
63.9465

390.5880,
446.3086, 457.1986

 38.4648, 48.2569,
46.1614


 94.5623, 113.4589,
112.1326

 26.5225, 34.0304,
32.0236


121.2361,
143.9817, 143.3707

 17.3497, 22.9169,
21.1146


152.5062,
179.5396, 179.9303

 10.5810, 14.5322,
13.0157

188.7379,
220.5169, 222.2298

 5.8510, 8.4917,
7.3085

230.2966,
267.2981, 270.6879

 2.7945, 4.4112,
3.5744

277.5476,

 1.0460, 1.9061,

320.2675, 325.7230

1.3949

330.8563,
379.8095, 387.7537

■ 0.0000, 0.5521,
0.1377

■ 0.0000, 0.0000,
0.0000

■ 53.5420, 65.9809,
63.9465

■ 53.5420, 65.9809,
63.9465

■ 47.9429, 63.2307,
57.6120

■ 60.0520, 69.1948,
70.7549

■ 43.2056, 60.9137,
51.7365

■ 67.5077, 72.8848,
78.0428

■ 39.2850, 59.0086,
46.3105

■ 75.9489, 77.0730,
85.8215

■ 36.1291, 57.4888,
41.3225

■ 83.6975, 80.8940,
94.0203

■ 33.6797, 56.3245,
36.7604

■ 85.2871, 81.5299,
102.3910

■ 31.8697, 55.4814,
32.6115

■ 85.9469, 81.7938,
105.8656

■ 30.6178, 54.9177,
28.8619

■ 30.0649, 54.6770,
26.8317

Harmonies

Analogous

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



56.0332, 65.9809, 52.8748



53.5420, 65.9809, 63.9465



53.4176, 65.9809, 78.7795

Triad

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



53.5420, 65.9809, 63.9465



65.0906, 65.9809, 103.7092



70.3104, 65.9809, 53.7619

Complementary

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



53.5420, 65.9809, 63.9465



54.9678, 48.5384, 58.1042

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.



73.0283, 65.9809, 65.3242



53.5420, 65.9809, 63.9465



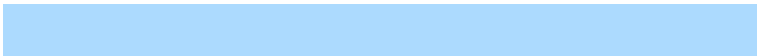
69.9034, 65.9809, 94.8762

Square

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



53.5420, 65.9809, 63.9465



59.8917, 65.9809, 103.2041



72.8753, 65.9809, 80.3620



65.6212, 65.9809, 47.5797

Rectangle

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



53.5420, 65.9809, 63.9465



54.6800, 65.9809, 88.9620



72.8753, 65.9809, 80.3620



71.4962, 65.9809, 57.0726

Sweetspot

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



53.5438, 65.9836, 63.9480



87.4829, 96.2494, 101.7491



56.4709, 67.8453, 48.1501



18.5918, 20.5354, 21.6498



0.0000, 0.0000, 0.0000



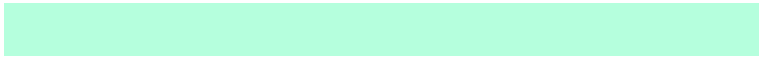
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.5438, 65.9836, 63.9480



67.8472, 86.5576, 81.3718



56.2087, 66.2796, 80.3550



13.8350, 15.4597, 16.1662



17.5578, 31.8480, 15.9265



1.2621, 2.2256, 1.3414

Inverse Universe

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



54.9678, 48.5384, 58.1042



70.0768, 59.2492, 72.2270



52.7126, 48.1800, 44.5524



13.9699, 13.8056, 15.6118



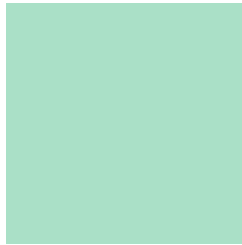
19.3958, 9.8253, 8.7501



1.3893, 0.6990, 0.8428

Previews

White Background



This preview shows how the XYZ color 53.5420, 65.9809, 63.9465 looks on a white background.

Color Contrast Check

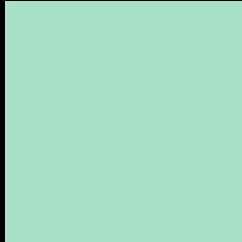
Large Text (above 18pt) WCAG AA × Fail

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 53.5420, 65.9809, 63.9465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

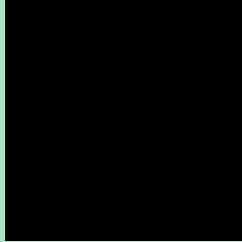
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5420, 65.9809, 63.9465

Background



This preview shows how black text looks on a background with the XYZ color 53.5420, 65.9809, 63.9465.



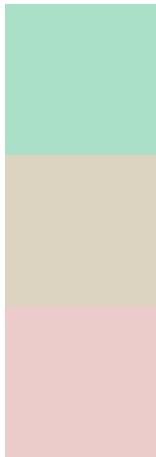
This preview shows how white text looks on a background with the XYZ color 53.5420, 65.9809,

63.9465.

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

53.5420, 65.9809, 63.9465

Protanopia

62.3239, 65.6099, 59.2483

Deuteranopia

66.6333, 65.1597, 65.5650



Tritanopia

58.6033, 66.0663, 89.0202

Trichromacy



Original Color

53.5420, 65.9809, 63.9465

Protanomaly

58.7633, 65.6084, 61.1963

Deuteranomaly

60.8189, 64.7017, 65.1603

Tritanomaly

56.6313, 66.0393, 79.5741

Monochromacy



Original Color

53.5420, 65.9809, 63.9465

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.0612, 62.6052, 65.6292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5420, 65.9809, 63.9465 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(170, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(170, 224, 199)  
}
```

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(170, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 224, 199) }
```

Border

The CSS property to change the border of an element to XYZ 53.5420, 65.9809, 63.9465 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(170, 224, 199) }
```


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

```
.border{ border-color:rgb(170, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(170, 224,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5420, 65.9809, 63.9465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 224, 199) }
```

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

```
.background{ background-color: rgb(170,  
224, 199) }
```

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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