

Converting Colors

XYZ(53.9950, 59.4939, 64.3541)

Have a look what the booklet for
XYZ(53.9950, 59.4939, 64.3541)
contains.

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Color

**XYZ(53.9672, 59.3540,
64.4892)**

Conversions

Conversions Part 1

Format	Color
Hex	BECECA
RGB	190, 206, 202
RGB Percent	75%, 81%, 79%
CMY	0.2549, 0.1921, 0.2078
CMYK	0.08, 0.00, 0.02, 0.19
HSL	165°, 14%, 78%
HSV	165°, 8%, 81%
XYZ	53.9672, 59.3540, 64.4892
YIQ	200.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

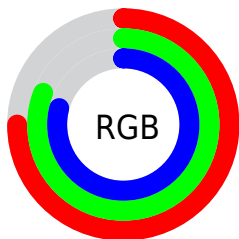
Format	Color
RYB	190, 199, 206
Decimal	12504778
CIELab	81.49, -6.17, 0.12
CIElCh	81, 6.167, 178.894
Yxy	59.3540, 0.3035, 0.3338
Android (android.graphics.Color)	4290694858 (0xFFBECECA)
YUV	200.7600, 0.6113, -9.4365
Hunter-Lab	77.0415, -9.7844, 4.2992

Details

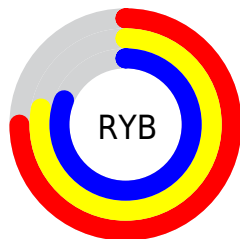
The XYZ color **53.9672, 59.3540, 64.4892** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6068, 53.8454, 58.6096**, and the grayscale version is **55.3701, 58.2537, 63.4383**.

A 20% lighter version of the original color is **91.8160, 98.3328, 108.7487**, and **26.8901, 29.9130, 32.3735** is the 20% darker color. If you saturate the color by 10%, you get **48.5815, 56.6485, 61.1060**, and if you desaturate by 10%, it is **60.1039, 62.4476, 68.0164**.

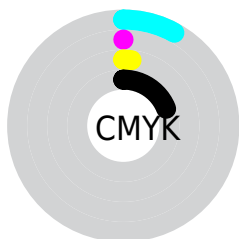
Distribution



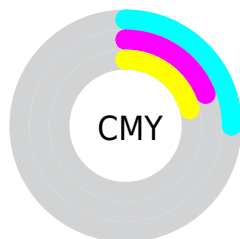
- Red (75%)
- Green (81%)
- Blue (79%)



- Red (75%)
- Yellow (78%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (25%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9672, 59.3540, 64.4892 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 53.9672, 59.3540, 64.4892 by changing the saturation by 10% instead.

■ 53.9672, 59.3540,
64.4892

■ 53.9672, 59.3540,
64.4892

392.1853,
422.2125, 459.2100

■ 38.8060, 42.8982,
46.5983

■ 95.1833, 103.8920,
112.9214

■ 26.7889, 29.8052,
32.3661

121.9688,
132.7429, 144.2998

■ 17.5505, 19.6908,
21.3742

153.3599,
166.4943, 181.0111

■ 10.7255, 12.1705,
13.2039

189.7219,
205.5306, 223.4738

■ 5.9485, 6.8599,
7.4367

231.4200,
250.2362, 272.1065

■ 2.8541, 3.3746,
3.6541

278.8197,

■ 1.0771, 1.3303,

300.9955, 327.3277

1.4376

332.2864,
358.1928, 389.5560

■ 0.0058, 0.1645,
0.1708

■ 0.0000, 0.0000,
0.0000

■ 53.9672, 59.3540,
64.4892

■ 53.9672, 59.3540,
64.4892

■ 48.5815, 56.6485,
61.1060

■ 60.1039, 62.4476,
68.0164

■ 43.9112, 54.3079,
57.8603

■ 67.0154, 65.9365,
71.6861

■ 39.9253, 52.3178,
54.7511

■ 74.7305, 69.8373,
75.5017

■ 36.5886, 50.6601,
51.7754

■ 76.5797, 70.7117,
79.1522

■ 33.8626, 49.3149,
48.9306

■ 77.2837, 70.9933,
82.8594

■ 31.7047, 48.2604,
46.2134

■ 78.0090, 71.2835,
86.6789

■ 30.0665, 47.4716,
43.6206

■ 78.7559, 71.5822,
90.6116

■ 28.8915, 46.9193,
41.1483

■ 79.5244, 71.8896,
94.6585

■ 28.0988, 46.5620,
38.7917

■ 80.3147, 72.2057,
98.8205

Harmonies

Analogous

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



54.3142, 59.3540, 61.0208



53.9672, 59.3540, 64.4892



54.2675, 59.3540, 68.1247

Triad

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



53.9672, 59.3540, 64.4892



57.6228, 59.3540, 71.0563



57.7071, 59.3540, 58.7253

Complementary

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



53.9672, 59.3540, 64.4892



53.6068, 53.8454, 58.6096

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.



58.6168, 59.3540, 61.2500



53.9672, 59.3540, 64.4892



58.5676, 59.3540, 68.3714

Square

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



53.9672, 59.3540, 64.4892



56.3663, 59.3540, 72.0023



58.9341, 59.3540, 64.7638



56.4622, 59.3540, 57.7722

Rectangle

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



53.9672, 59.3540, 64.4892



54.7970, 59.3540, 70.1357



58.9341, 59.3540, 64.7638



58.0629, 59.3540, 59.4135

Sweetspot

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



53.9689, 59.3565, 64.4905



92.9938, 98.9636, 107.7352



53.6841, 59.3676, 57.3458



19.9260, 21.1931, 23.0721



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.



53.9689, 59.3565, 64.4905



86.1943, 95.5399, 103.7327



53.5608, 57.7720, 66.7236



11.4187, 12.6772, 13.7622



17.2471, 28.6442, 23.7842



0.9190, 1.4894, 1.3809

Inverse Universe

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



53.6068, 53.8454, 58.6096



85.5126, 85.1621, 92.6589



53.9823, 55.3063, 56.5462



11.3255, 11.2589, 12.2488



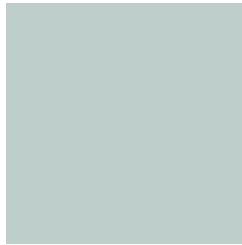
16.0819, 8.2433, 2.8839



0.8610, 0.4378, 0.3139

Previews

White Background



This preview shows how the XYZ color 53.9672, 59.3540, 64.4892 looks on a white background.

Color Contrast Check

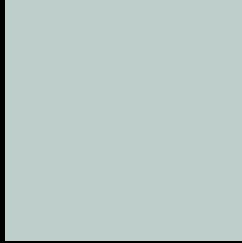
Large Text (above 18pt) WCAG AA × Fail

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 53.9672, 59.3540, 64.4892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

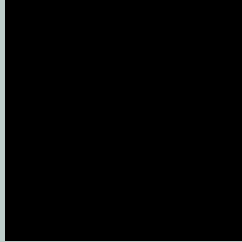
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

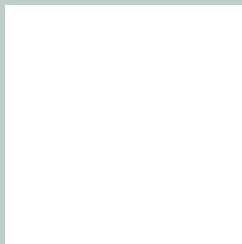
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9672, 59.3540, 64.4892

Background



This preview shows how black text looks on a background with the XYZ color 53.9672, 59.3540, 64.4892.



This preview shows how white text looks on a background with the XYZ color 53.9672, 59.3540,

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

53.9672, 59.3540, 64.4892

Protanopia

56.6490, 59.0186, 62.4388

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

56.1344, 59.1638, 75.4790

Trichromacy



Original Color

53.9672, 59.3540, 64.4892

Protanomaly

55.6007, 59.1614, 63.1324

Deuteranomaly

58.0121, 59.3220, 64.8926

Tritanomaly

55.3413, 59.1963, 71.4600

Monochromacy



Original Color

53.9672, 59.3540, 64.4892

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9245, 58.7992, 63.7129

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9672, 59.3540, 64.4892 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(190, 206, 202)` looks like.

```
.text, #text, p{  
    color:rgb(190, 206, 202)  
}
```

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(190, 206, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 206, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.9672, 59.3540, 64.4892 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(190, 206, 202) }
```


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

```
.border{ border-color:rgb(190, 206, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 206, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 206, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 206, 202);  
box-shadow:4px 4px 4px 4px rgb(190, 206,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9672, 59.3540, 64.4892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 206, 202) }
```

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

```
.background{ background-color: rgb(190,  
206, 202) }
```

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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