

Converting Colors

XYZ(54.8784, 59.0717, 80.0077)

Have a look what the booklet for
XYZ(54.8784, 59.0717, 80.0077)
contains.

XYZ(54.9504, 59.1662, 79.7582)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.9504, 59.1662,
79.7582)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CDE1
RGB	183, 205, 225
RGB Percent	72%, 80%, 88%
CMY	0.2823, 0.1961, 0.1176
CMYK	0.19, 0.09, 0.00, 0.12
HSL	209°, 41%, 80%
HSV	209°, 19%, 88%
XYZ	54.9504, 59.1662, 79.7582
YIQ	200.7020, -19.5320, 1.5560

Conversions

Conversions Part 2

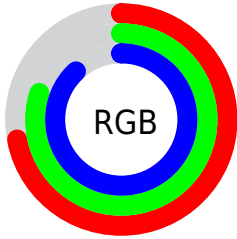
Format	Color
RYB	183, 197, 225
Decimal	12045793
CIELab	81.38, -3.22, -12.39
CIELCh	81, 12.799, 255.417
Yxy	59.1662, 0.2834, 0.3052
Android (android.graphics.Color)	4290235873 (0xFFB7CDE1)
YUV	200.7020, 11.9789, -15.5247
Hunter-Lab	76.9196, -7.0910, -7.6343

Details

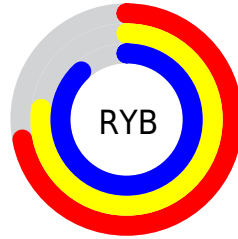
The XYZ color **54.9504, 59.1662, 79.7582** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9551, 62.1384, 53.5823**, and the grayscale version is **55.2713, 58.1497, 63.3250**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **27.5282, 29.7813, 42.3277** is the 20% darker color. If you saturate the color by 10%, you get **47.5453, 51.6752, 78.7035**, and if you desaturate by 10%, it is **63.3900, 67.4541, 80.9141**.

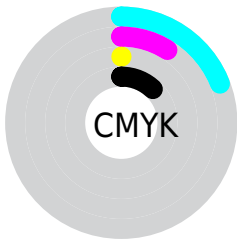
Distribution



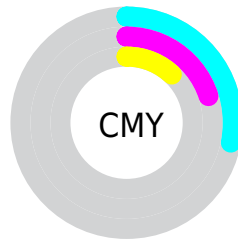
- Red (72%)
- Green (80%)
- Blue (88%)



- Red (72%)
- Yellow (77%)
- Blue (88%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9504, 59.1662, 79.7582 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 54.9504, 59.1662, 79.7582 by changing the saturation by 10% instead.

■ 54.9504, 59.1662,
79.7582

■ 54.9504, 59.1662,
79.7582

395.8634,
421.5175, 513.8028

■ 39.5957, 42.7469,
58.9944

■ 96.6170, 103.6192,
134.8340

■ 27.4063, 29.6866,
42.1886

123.6597,
132.4217, 169.9832

■ 18.0167, 19.6008,
28.9223

155.3290,
166.1207, 210.7645

■ 11.0618, 12.1052,
18.7770

191.9903,
205.1006, 257.5965

■ 6.1760, 6.8154,
11.3341

234.0091,
249.7459, 310.8979

■ 2.9941, 3.3469,
6.1750

281.7506,

■ 1.1506, 1.3154,

300.4409, 371.0870

2.8813

335.5803,
357.5700, 438.5825

■ 0.0668, 0.1531,
1.0343

■ 0.0000, 0.0000,
0.0000

■ 54.9504, 59.1662,
79.7582

■ 54.9504, 59.1662,
79.7582

■ 47.5453, 51.6752,
78.7035

■ 63.3900, 67.4541,
80.9141

■ 41.1254, 44.9458,
77.7430

■ 72.9001, 76.5578,
82.1700

■ 35.6450, 38.9508,
76.8747

■ 83.5213, 86.5048,
83.5302

■ 31.0524, 33.6579,
76.0951

■ 88.3541, 93.7429,
84.6726

■ 27.2904, 29.0320,
75.4005

■ 90.5908, 98.2163,
85.4181

■ 24.2944, 25.0339,
74.7867

■ 21.9886, 21.6182,
74.2489

■ 20.2610, 18.7209,
73.7808

■ 20.0541, 18.3629,
73.7226

Harmonies

Analogous

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



52.7014, 59.1662, 75.4955



54.9504, 59.1662, 79.7582



57.6144, 59.1662, 79.6941

Triad

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



54.9504, 59.1662, 79.7582



61.3421, 59.1662, 60.5840



52.6507, 59.1662, 54.6238

Complementary

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



54.9504, 59.1662, 79.7582



60.9551, 62.1384, 53.5823

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.



54.8791, 59.1662, 51.2372



54.9504, 59.1662, 79.7582



59.9246, 59.1662, 54.4879

Square

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



54.9504, 59.1662, 79.7582



61.3627, 59.1662, 68.2030



57.5409, 59.1662, 51.1895



51.4025, 59.1662, 60.7833

Rectangle

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



54.9504, 59.1662, 79.7582



59.2700, 59.1662, 77.1900



57.5409, 59.1662, 51.1895



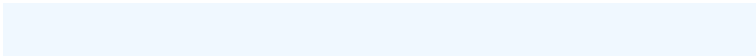
53.3068, 59.1662, 53.1457

Sweetspot

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



54.9522, 59.1686, 79.7595



87.3633, 92.6526, 107.8869



57.1867, 68.2116, 66.4036



18.5271, 19.6655, 23.0693



0.0000, 0.0000, 0.0000



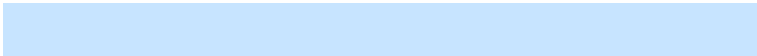
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9522, 59.1686, 79.7595



69.3997, 74.9944, 105.4254



50.3440, 49.9523, 78.2235



13.5433, 14.4256, 17.4583



11.6738, 10.8172, 42.5210



0.8987, 0.9288, 2.9772

Inverse Universe

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



59.0057, 54.2837, 65.1282



75.6842, 67.6783, 82.6836



66.1479, 72.5241, 55.3132



14.0057, 13.8199, 15.8001



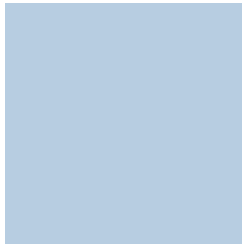
19.8326, 10.0000, 11.0502



1.4199, 0.7112, 1.0039

Previews

White Background



This preview shows how the XYZ color 54.9504, 59.1662, 79.7582 looks on a white background.

Color Contrast Check

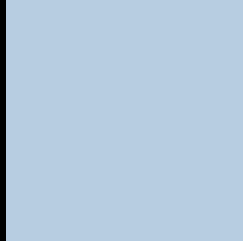
Large Text (above 18pt) WCAG AA × Fail

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 54.9504, 59.1662, 79.7582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

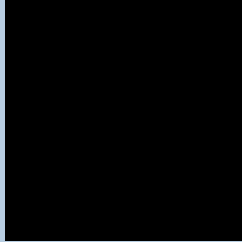
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

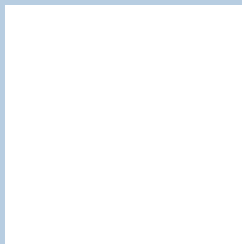
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9504, 59.1662, 79.7582

Background



This preview shows how black text looks on a background with the XYZ color 54.9504, 59.1662, 79.7582.



This preview shows how white text looks on a background with the XYZ color 54.9504, 59.1662,

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

54.9504, 59.1662, 79.7582

Protanopia

57.6585, 58.8618, 77.4298

Deuteranopia

60.4097, 59.1802, 80.9120



Tritanopia

54.5475, 59.3616, 77.6902

Trichromacy



Original Color

54.9504, 59.1662, 79.7582

Protanomaly

56.6879, 59.0381, 78.2198

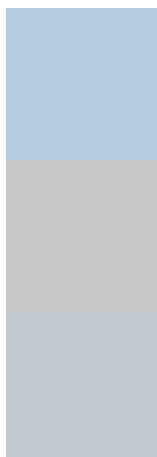
Deuteranomaly

58.2012, 59.0789, 80.2873

Tritanomaly

54.6820, 59.4154, 78.3983

Monochromacy



Original Color

54.9504, 59.1662, 79.7582

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0015, 58.3635, 69.3392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9504, 59.1662, 79.7582 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(183, 205, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 205, 225)  
}
```

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(183, 205, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 205, 225) }
```

Border

The CSS property to change the border of an element to XYZ 54.9504, 59.1662, 79.7582 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(183, 205, 225) }
```


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

```
.border{ border-color:rgb(183, 205, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 205, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 205, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 205, 225);  
box-shadow:4px 4px 4px 4px rgb(183, 205,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9504, 59.1662, 79.7582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 205, 225) }
```

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

```
.background{ background-color: rgb(183,  
205, 225) }
```

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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