

Converting Colors

XYZ(54.9044, 58.4083, 79.9292)

Have a look what the booklet for
XYZ(54.9044, 58.4083, 79.9292)
contains.

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Color

**XYZ(54.9541, 58.4624,
79.6221)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CBE1
RGB	185, 203, 225
RGB Percent	73%, 80%, 88%
CMY	0.2745, 0.2039, 0.1176
CMYK	0.18, 0.10, 0.00, 0.12
HSL	213°, 40%, 80%
HSV	213°, 18%, 88%
XYZ	54.9541, 58.4624, 79.6221
YIQ	200.1260, -17.7900, 3.0260

Conversions

Conversions Part 2

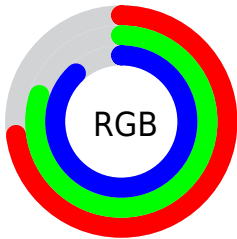
Format	Color
RYB	185, 197, 225
Decimal	12176353
CIELab	81.00, -1.54, -12.95
CIELCh	81, 13.044, 263.210
Yxy	58.4624, 0.2847, 0.3029
Android (android.graphics.Color)	4290366433 (0xFFB9CBE1)
YUV	200.1260, 12.2629, -13.2655
Hunter-Lab	76.4607, -5.5141, -8.2189

Details

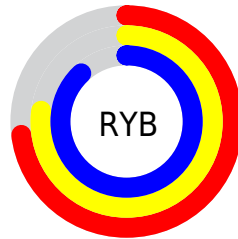
The XYZ color **54.9541, 58.4624, 79.6221** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1215, 64.1358, 55.0055**, and the grayscale version is **54.9134, 57.7732, 62.9150**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **27.3632, 29.2225, 42.2285** is the 20% darker color. If you saturate the color by 10%, you get **47.1436, 50.2711, 78.4536**, and if you desaturate by 10%, it is **63.8603, 67.5678, 80.9112**.

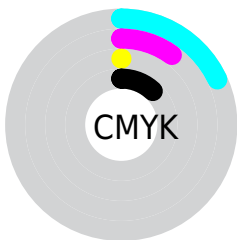
Distribution



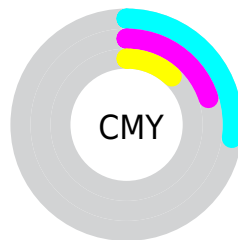
- Red (73%)
- Green (80%)
- Blue (88%)



- Red (73%)
- Yellow (77%)
- Blue (88%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (27%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9541, 58.4624, 79.6221 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 54.9541, 58.4624, 79.6221 by changing the saturation by 10% instead.

■ 54.9541, 58.4624,
79.6221

■ 54.9541, 58.4624,
79.6221

395.8772,
418.9067, 513.3315

■ 39.5987, 42.1805,
58.8831

■ 96.6224, 102.5959,
134.6409

■ 27.4086, 29.2427,
42.0996

123.6660,
131.2163, 169.7577

■ 18.0185, 19.2645,
28.8532

155.3364,
164.7184, 210.5043

■ 11.0630, 11.8615,
18.7251

191.9989,
203.4864, 257.2991

■ 6.1769, 6.6495,
11.2970

234.0188,
247.9049, 310.5607

■ 2.9946, 3.2439,
6.1503

281.7616,

■ 1.1509, 1.2603,

298.3582, 370.7076

2.8664

335.5926,
355.2307, 438.1584

■ 0.0671, 0.1102,
1.0268

■ 0.0000, 0.0000,
0.0000

■ 54.9541, 58.4624,
79.6221

■ 54.9541, 58.4624,
79.6221

■ 47.1436, 50.2711,
78.4536

■ 63.8603, 67.5678,
80.9112

■ 40.3779, 42.9551,
77.3981

■ 73.8998, 77.6099,
82.3203

■ 34.6096, 36.4832,
76.4529

■ 85.1149, 88.6196,
83.8543

■ 29.7851, 30.8190,
75.6139

■ 89.7980, 96.6308,
85.1538

■ 25.8458, 25.9234,
74.8766

■ 90.5908, 98.2163,
85.4181

■ 22.7253, 21.7525,
74.2360

■ 20.3465, 18.2569,
73.6866

■ 18.6053, 15.3723,
73.2216

■ 18.2702, 14.7952,
73.1279

Harmonies

Analogous

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



52.5097, 58.4624, 76.3454



54.9541, 58.4624, 79.6221



57.6419, 58.4624, 78.3506

Triad

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



54.9541, 58.4624, 79.6221



60.4853, 58.4624, 57.9638



51.5047, 58.4624, 55.1451

Complementary

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



54.9541, 58.4624, 79.6221



62.1215, 64.1358, 55.0055

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.



53.5421, 58.4624, 50.9234



54.9541, 58.4624, 79.6221



58.7402, 58.4624, 52.4562

Square

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



54.9541, 58.4624, 79.6221



60.8931, 58.4624, 65.4330



56.1840, 58.4624, 49.9804



50.5604, 58.4624, 61.9107

Rectangle

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



54.9541, 58.4624, 79.6221



59.2045, 58.4624, 75.1412



56.1840, 58.4624, 49.9804



52.0812, 58.4624, 53.4044

Sweetspot

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



54.9559, 58.4648, 79.6234



88.3176, 93.2691, 107.9556



58.1150, 68.6382, 68.7917



18.7077, 19.7665, 23.0793



0.0000, 0.0000, 0.0000



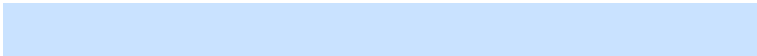
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9559, 58.4648, 79.6234



69.3330, 73.8488, 105.2077



51.2715, 50.6163, 78.3027



13.4575, 14.2541, 17.4297



10.6412, 8.7519, 42.1768



0.8260, 0.7836, 2.9529

Inverse Universe

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



59.1812, 55.0186, 64.0031



75.8976, 68.7098, 80.8910



66.3204, 73.1483, 56.5237



13.9624, 13.8026, 15.5720



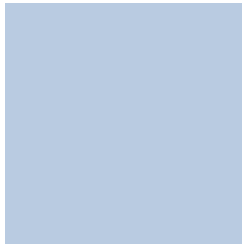
19.3114, 9.7915, 8.3054



1.3832, 0.6966, 0.8108

Previews

White Background



This preview shows how the XYZ color 54.9541, 58.4624, 79.6221 looks on a white background.

Color Contrast Check

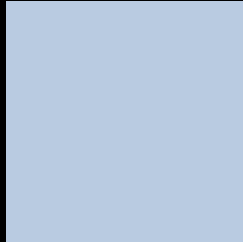
Large Text (above 18pt) WCAG AA × Fail

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 54.9541, 58.4624, 79.6221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

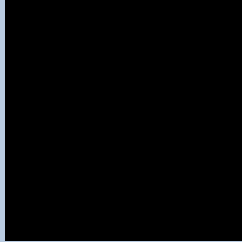
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

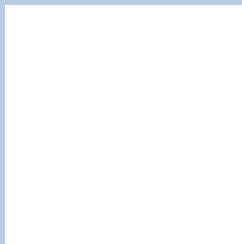
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9541, 58.4624, 79.6221

Background



This preview shows how black text looks on a background with the XYZ color 54.9541, 58.4624, 79.6221.



This preview shows how white text looks on a background with the XYZ color 54.9541, 58.4624,

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

54.9541, 58.4624, 79.6221

Protanopia

57.0314, 58.1803, 78.0361

Deuteranopia

59.6175, 58.4358, 80.8101



Tritanopia

54.2783, 58.5434, 76.1494

Trichromacy



Original Color

54.9541, 58.4624, 79.6221

Protanomaly

56.1011, 58.0278, 78.7647

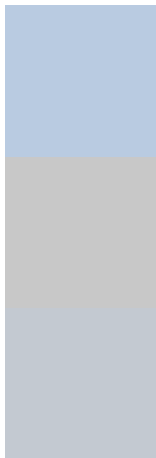
Deuteranomaly

57.9703, 58.6172, 80.2104

Tritanomaly

54.5448, 58.6500, 77.5530

Monochromacy



Original Color

54.9541, 58.4624, 79.6221

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9009, 57.9788, 68.6190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9541, 58.4624, 79.6221 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(185, 203, 225)` looks like.

```
.text, #text, p{  
    color:rgb(185, 203, 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(185, 203, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 203, 225) }
```

Border

The CSS property to change the border of an element to XYZ 54.9541, 58.4624, 79.6221 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(185, 203, 225) }
```


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

```
.border{ border-color:rgb(185, 203, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 203, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 203, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 203, 225);  
box-shadow:4px 4px 4px 4px rgb(185, 203,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9541, 58.4624, 79.6221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 203, 225) }
```

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

```
.background{ background-color: rgb(185,  
203, 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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