

Converting Colors

XYZ(54.6719, 58.8246, 79.0370)

Have a look what the booklet for
XYZ(54.6719, 58.8246, 79.0370)
contains.

XYZ(54.5759, 58.6348, 78.9622)	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(54.5759, 58.6348,
78.9622)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CCE0
RGB	183, 204, 224
RGB Percent	72%, 80%, 88%
CMY	0.2823, 0.2000, 0.1216
CMYK	0.18, 0.09, 0.00, 0.12
HSL	209°, 40%, 80%
HSV	209°, 18%, 88%
XYZ	54.5759, 58.6348, 78.9622
YIQ	200.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

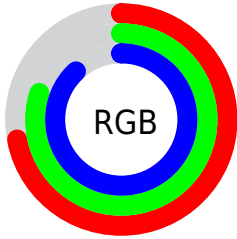
Format	Color
R _Y B	183, 197, 224
Decimal	12045536
CIE Lab	81.09, -2.91, -12.29
CIE LCh	81, 12.630, 256.676
Yxy	58.6348, 0.2840, 0.3051
Android (android.graphics.Color)	4290235616 (0xFFB7CCE0)
YUV	200.0010, 11.8315, -14.9099
Hunter-Lab	76.5734, -6.7816, -7.5383

Details

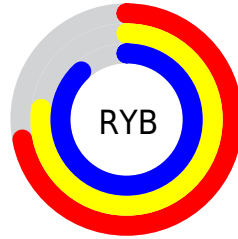
The XYZ color **54.5759, 58.6348, 78.9622** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6443, 61.9783, 53.5679**, and the grayscale version is **54.8396, 57.6955, 62.8304**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **27.2737, 29.4231, 41.7779** is the 20% darker color. If you saturate the color by 10%, you get **47.1600, 51.0924, 77.8982**, and if you desaturate by 10%, it is **63.0254, 66.9836, 80.1293**.

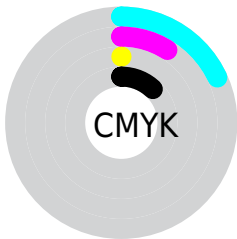
Distribution



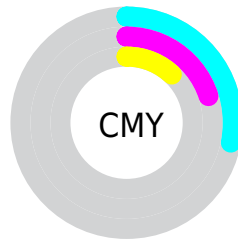
- Red (72%)
- Green (80%)
- Blue (88%)



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



- Cyan (18%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5759, 58.6348, 78.9622 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 54.5759, 58.6348, 78.9622 by changing the saturation by 10% instead.

■ 54.5759, 58.6348,
78.9622

■ 54.5759, 58.6348,
78.9622

394.4649,
419.5472, 511.0427

■ 39.2948, 42.3192,
58.3436

■ 96.0713, 102.8467,
133.7038

■ 27.1709, 29.3513,
41.6684

123.0162,
131.5118, 168.6639

■ 17.8388, 19.3467,
28.5181

154.5798,
165.0622, 209.2416

■ 10.9333, 11.9211,
18.4741

191.1274,
203.8822, 255.8554

■ 6.0890, 6.6900,
11.1180

233.0243,
248.3564, 308.9239

■ 2.9404, 3.2690,
6.0311

280.6360,

■ 1.1223, 1.2737,

298.8690, 368.8656

2.7949

334.3277,
355.8045, 436.0990

■ 0.0437, 0.1207,
0.9909

■ 0.0000, 0.0000,
0.0000

■ 54.5759, 58.6348,
78.9622

■ 54.5759, 58.6348,
78.9622

■ 47.1600, 51.0924,
77.8982

■ 63.0254, 66.9836,
80.1293

■ 40.7287, 44.3209,
76.9301

■ 72.5442, 76.1579,
81.3984

■ 35.2368, 38.2930,
76.0561

■ 83.1728, 86.1852,
82.7737

■ 30.6329, 32.9763,
75.2725

■ 88.1721, 93.5967,
83.9408

■ 26.8604, 28.3355,
74.5756

■ 90.4547, 98.1619,
84.7016

■ 23.8554, 24.3313,
73.9611

■ 21.5432, 20.9187,
73.4242

■ 19.8169, 18.0356,
72.9587

■ 19.5563, 17.5851,
72.8855

Harmonies

Analogous

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



52.3399, 58.6348, 74.9432



54.5759, 58.6348, 78.9622



57.1911, 58.6348, 78.7104

Triad

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



54.5759, 58.6348, 78.9622



60.7051, 58.6348, 59.7858



52.1400, 58.6348, 54.4331

Complementary

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



54.5759, 58.6348, 78.9622



60.6443, 61.9783, 53.5679

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.



54.2952, 58.6348, 50.9772



54.5759, 58.6348, 78.9622



59.2647, 58.6348, 53.8974

Square

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



54.5759, 58.6348, 78.9622



60.7860, 58.6348, 67.2317



56.9015, 58.6348, 50.7891



50.9636, 58.6348, 60.5708

Rectangle

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



54.5759, 58.6348, 78.9622



58.7990, 58.6348, 76.1482



56.9015, 58.6348, 50.7891



52.7709, 58.6348, 52.9410

Sweetspot

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



54.5777, 58.6372, 78.9635



88.5619, 93.7577, 108.0371



56.9430, 67.6828, 66.4496



18.7671, 19.8851, 23.0990



0.0000, 0.0000, 0.0000



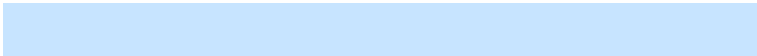
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5777, 58.6372, 78.9635



69.2203, 74.6358, 105.3656



50.0591, 49.6002, 77.4573



13.5297, 14.3985, 17.4538



11.4987, 10.4669, 42.4626



0.8866, 0.9047, 2.9731

Inverse Universe

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



58.5745, 54.0754, 64.4797



75.5937, 67.6421, 82.2070



65.7611, 72.2120, 55.2735



13.9988, 13.8172, 15.7640



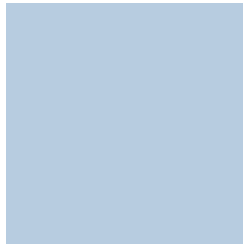
19.7442, 9.9647, 10.5846



1.4138, 0.7088, 0.9718

Previews

White Background



This preview shows how the XYZ color 54.5759, 58.6348, 78.9622 looks on a white background.

Color Contrast Check

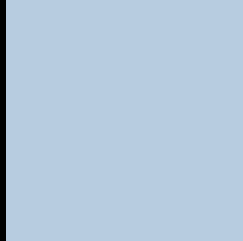
Large Text (above 18pt) WCAG AA × Fail

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 54.5759, 58.6348, 78.9622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

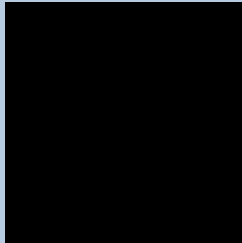
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

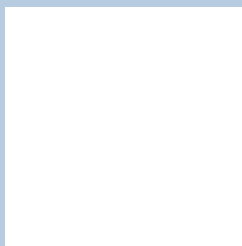
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5759, 58.6348, 78.9622

Background



This preview shows how black text looks on a background with the XYZ color 54.5759, 58.6348, 78.9622.



This preview shows how white text looks on a background with the XYZ color 54.5759, 58.6348,

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

54.5759, 58.6348, 78.9622

Protanopia

57.2586, 58.6711, 76.7134

Deuteranopia

59.7619, 58.5262, 80.0984



Tritanopia

54.1739, 58.8282, 76.9063

Trichromacy



Original Color

54.5759, 58.6348, 78.9622

Protanomaly

56.0638, 58.3847, 77.4217

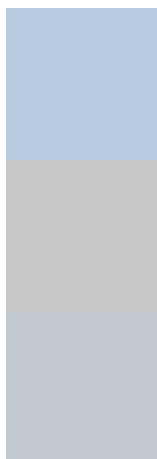
Deuteranomaly

57.8334, 58.5625, 79.4897

Tritanomaly

54.3075, 58.8817, 77.6102

Monochromacy



Original Color

54.5759, 58.6348, 78.9622

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6434, 57.8461, 68.6070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5759, 58.6348, 78.9622 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, 204, 224) looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 224)  
}
```

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, 204, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 224) }
```

Border

The CSS property to change the border of an element to XYZ 54.5759, 58.6348, 78.9622 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, 204, 224) }
```


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

```
.border{ border-color:rgb(183, 204, 224) }
```

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

Here you see how a box with a 4 pixel rgb(183, 204, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5759, 58.6348, 78.9622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 224) }
```

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

```
.background{ background-color: rgb(183,  
204, 224) }
```

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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