

Converting Colors

XYZ(55.5634, 57.9043, 77.7464)

Have a look what the booklet for
XYZ(55.5634, 57.9043, 77.7464)
contains.

XYZ(55.4594, 57.7126, 78.0287)	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(55.4594, 57.7126,
78.0287)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC8DF
RGB	191, 200, 223
RGB Percent	75%, 78%, 87%
CMY	0.2510, 0.2157, 0.1255
CMYK	0.14, 0.10, 0.00, 0.13
HSL	223°, 33%, 81%
HSV	223°, 14%, 87%
XYZ	55.4594, 57.7126, 78.0287
YIQ	199.9310, -12.7470, 5.2450

Conversions

Conversions Part 2

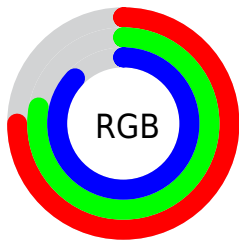
Format	Color
R _Y B	191, 198, 223
Decimal	12568799
CIE Lab	80.58, 1.53, -12.46
CIE LCh	81, 12.554, 276.980
Yxy	57.7126, 0.2901, 0.3018
Android (android.graphics.Color)	4290758879 (0xFFBFC8DF)
YUV	199.9310, 11.3730, -7.8325
Hunter-Lab	75.9688, -2.6353, -7.7195

Details

The XYZ color **55.4594, 57.7126, 78.0287** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8824, 67.5425, 58.9615**, and the grayscale version is **54.7965, 57.6502, 62.7810**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **27.6633, 28.7033, 41.1281** is the 20% darker color. If you saturate the color by 10%, you get **46.7537, 48.0017, 76.6141**, and if you desaturate by 10%, it is **65.4116, 68.6467, 79.6156**.

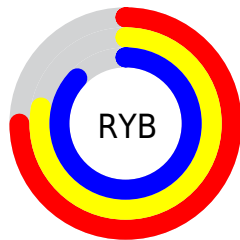
Distribution



Red (75%)

Green (78%)

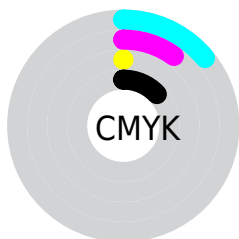
Blue (87%)



Red (75%)

Yellow (78%)

Blue (87%)

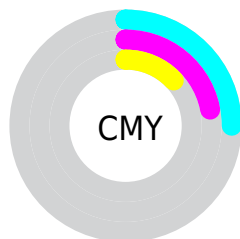


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (13%)



Cyan (25%)

Magenta (22%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4594, 57.7126, 78.0287 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 55.4594, 57.7126, 78.0287 by changing the saturation by 10% instead.

■ 55.4594, 57.7126,
78.0287

■ 55.4594, 57.7126,
78.0287

397.7591,
416.1142, 507.7948

■ 40.0049, 41.5776,
57.5810

■ 97.3581, 101.5042,
132.3768

■ 27.7266, 28.7707,
41.0594

124.5331,
129.9297, 167.1143

■ 18.2591, 18.9074,
28.0454

156.3457,
163.2207, 207.4521

■ 11.2370, 11.6034,
18.1206

193.1611,
201.7618, 253.8087

■ 6.2949, 6.4742,
10.8663

235.3448,
245.9373, 306.6028

■ 3.0676, 3.1355,
5.8639

283.2622,

■ 1.1896, 1.2029,

296.1316, 366.2528

2.6951

337.2785,
352.7291, 433.1773

■ 0.0981, 0.0641,
0.9409

■ 0.0000, 0.0000,
0.0000

■ 55.4594, 57.7126,
78.0287

■ 55.4594, 57.7126,
78.0287

■ 46.7537, 48.0017,
76.6141

■ 65.4116, 68.6467,
79.6156

■ 39.2387, 39.4630,
75.3620

■ 76.6524, 80.8382,
81.3763

■ 32.8624, 32.0526,
74.2677

■ 88.1526, 93.7741,
83.2671

■ 27.5664, 25.7207,
73.3247

■ 90.3195, 98.1078,
83.9893

■ 23.2869, 20.4138,
72.5259

■ 19.9531, 16.0731,
71.8638

■ 17.4841, 12.6332,
71.3299

■ 15.7836, 10.0183,
70.9148

■ 15.0824, 8.8537,
70.7270

Harmonies

Analogous

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



52.9362, 57.7126, 76.8489



55.4594, 57.7126, 78.0287



57.8938, 57.7126, 74.8905

Triad

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



55.4594, 57.7126, 78.0287



58.9148, 57.7126, 54.6716



50.4122, 57.7126, 57.4435

Complementary

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



55.4594, 57.7126, 78.0287



63.8824, 67.5425, 58.9615

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.



51.9227, 57.7126, 52.1555



55.4594, 57.7126, 78.0287



56.8177, 57.7126, 50.6449

Square

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



55.4594, 57.7126, 78.0287



59.9289, 57.7126, 61.1278



54.2532, 57.7126, 49.7611



50.0742, 57.7126, 64.5823

Rectangle

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



55.4594, 57.7126, 78.0287



59.1213, 57.7126, 70.9067



54.2532, 57.7126, 49.7611



50.7973, 57.7126, 55.4081

Sweetspot

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



55.4611, 57.7150, 78.0300



89.1023, 93.5283, 107.9643



60.0037, 68.7044, 73.6735



18.8390, 19.7651, 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.



55.4611, 57.7150, 78.0300



71.7148, 74.3934, 105.1873



55.2224, 54.5873, 77.4389



13.2644, 13.8680, 17.3654



8.9509, 5.3713, 41.6134



0.6950, 0.5214, 2.9092

Inverse Universe

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



59.4889, 57.1210, 62.5363



78.1297, 73.5456, 80.4891



64.1313, 71.1471, 59.6441



13.8649, 13.7636, 15.0590



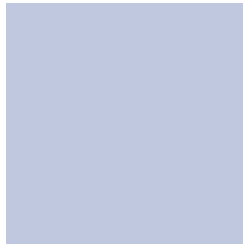
18.4582, 9.4503, 3.8126



1.3170, 0.6701, 0.4624

Previews

White Background



This preview shows how the XYZ color 55.4594, 57.7126, 78.0287 looks on a white background.

Color Contrast Check

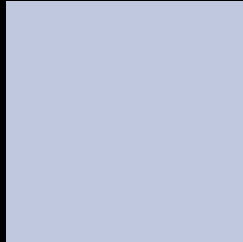
Large Text (above 18pt) WCAG AA × Fail

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 55.4594, 57.7126, 78.0287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

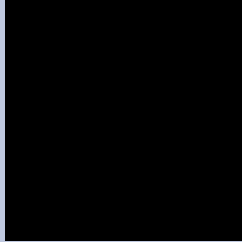
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.4594, 57.7126, 78.0287

Background



This preview shows how black text looks on a background with the XYZ color 55.4594, 57.7126, 78.0287.



This preview shows how white text looks on a background with the XYZ color 55.4594, 57.7126,

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

55.4594, 57.7126, 78.0287

Protanopia

56.4049, 57.5324, 77.2393

Deuteranopia

58.9821, 57.8219, 78.5731



Tritanopia

54.6462, 57.7302, 73.9085

Trichromacy



Original Color

55.4594, 57.7126, 78.0287

Protanomaly

56.1139, 57.7229, 77.2913

Deuteranomaly

57.7779, 57.8709, 78.6460

Tritanomaly

54.9080, 57.8349, 75.2871

Monochromacy



Original Color

55.4594, 57.7126, 78.0287

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0654, 57.7329, 67.9158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4594, 57.7126, 78.0287 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(191, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(191, 200, 223)  
}
```

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(191, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 200, 223) }
```

Border

The CSS property to change the border of an element to XYZ 55.4594, 57.7126, 78.0287 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(191, 200, 223) }
```


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

```
.border{ border-color:rgb(191, 200, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 200, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 200, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 200, 223); box-shadow:4px 4px 4px 4px rgb(191, 200, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4594, 57.7126, 78.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 200, 223) }
```

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

```
.background{ background-color: rgb(191,  
200, 223) }
```

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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