

Converting Colors

XYZ(58.4393, 60.9961, 78.5054)

Have a look what the booklet for
XYZ(58.4393, 60.9961, 78.5054)
contains.

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Color

**XYZ(58.4393, 60.9961,
78.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CDDF
RGB	198, 205, 223
RGB Percent	78%, 80%, 87%
CMY	0.2235, 0.1961, 0.1255
CMYK	0.11, 0.08, 0.00, 0.13
HSL	223°, 28%, 83%
HSV	223°, 11%, 87%
XYZ	58.4393, 60.9961, 78.5054
YIQ	204.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

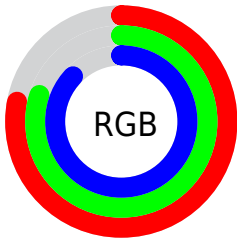
Format	Color
R _Y B	198, 203, 223
Decimal	13028831
CIE Lab	82.38, 1.13, -9.72
CIE LCh	82, 9.790, 276.622
Yxy	60.9961, 0.2952, 0.3082
Android (android.graphics.Color)	4291218911 (0xFFC6CDDF)
YUV	204.9590, 8.8942, -6.1030
Hunter-Lab	78.1000, -3.1101, -4.9278

Details

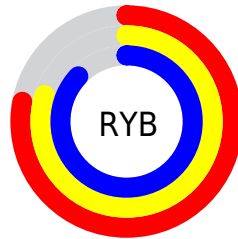
The XYZ color **58.4393, 60.9961, 78.5054** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1807, 68.8766, 63.2864**, and the grayscale version is **57.9535, 60.9716, 66.3981**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6361, 30.8897, 41.4461** is the 20% darker color. If you saturate the color by 10%, you get **49.3437, 50.8973, 77.0365**, and if you desaturate by 10%, it is **68.7980, 72.3343, 80.1489**.

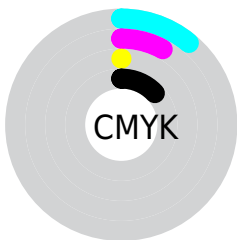
Distribution



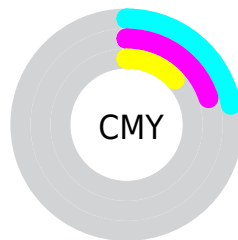
- Red (78%)
- Green (80%)
- Blue (87%)



- Red (78%)
- Yellow (80%)
- Blue (87%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4393, 60.9961, 78.5054 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 58.4393, 60.9961, 78.5054 by changing the saturation by 10% instead.

■ 58.4393, 60.9961,
78.5054

■ 58.4393, 60.9961,
78.5054

408.7484,
428.2597, 509.4549

■ 42.4066, 44.2220,
57.9703

101.6816,
106.2733, 133.0547

■ 29.6123, 30.8451,
41.3703

129.6219,
135.5452, 167.9060

■ 19.6911, 20.4809,
28.2866

162.2620,
169.7518, 208.3664

■ 12.2776, 12.7451,
18.3009

199.9674,
209.2776, 254.8546

■ 7.0066, 7.2533,
10.9946

243.1034,
254.5068, 307.7889

■ 3.5126, 3.6210,
5.9491

292.0353,

■ 1.4303, 1.4639,

305.8240, 367.5881

2.7458

347.1285,
363.6135, 434.6705

■ 0.2776, 0.2631,
0.9664

■ 0.0000, 0.0000,
0.0000

■ 58.4393, 60.9961,
78.5054

■ 58.4393, 60.9961,
78.5054

■ 49.3437, 50.8973,
77.0365

■ 68.7980, 72.3343,
80.1489

■ 41.4562, 41.9870,
75.7323

■ 80.4610, 84.9449,
81.9683

■ 34.7258, 34.2223,
74.5883

■ 89.7370, 96.9428,
83.7952

■ 29.0957, 27.5543,
73.5980

■ 90.3195, 98.1078,
83.9894

■ 24.5038, 21.9307,
72.7546

■ 20.8818, 17.2943,
72.0506

■ 18.1522, 13.5817,
71.4778

■ 16.2242, 10.7209,
71.0272

■ 15.0675, 8.8239,
70.7220

Harmonies

Analogous

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



56.3962, 60.9961, 77.5398



58.4393, 60.9961, 78.5054



60.4035, 60.9961, 76.0785

Triad

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



58.4393, 60.9961, 78.5054



61.2579, 60.9961, 59.7875



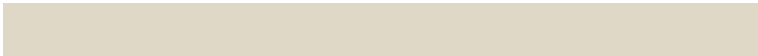
54.3666, 60.9961, 61.9549

Complementary

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



58.4393, 60.9961, 78.5054



65.1807, 68.8766, 63.2864

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.



55.6124, 60.9961, 57.6054



58.4393, 60.9961, 78.5054



59.5829, 60.9961, 56.4076

Square

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



58.4393, 60.9961, 78.5054



62.0559, 60.9961, 65.0969



57.5131, 60.9961, 55.6333



54.0770, 60.9961, 67.7495

Rectangle

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



58.4393, 60.9961, 78.5054



61.3933, 60.9961, 72.9443



57.5131, 60.9961, 55.6333



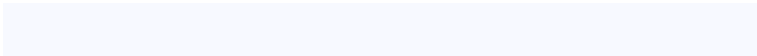
54.6859, 60.9961, 60.2863

Sweetspot

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



58.4411, 60.9987, 78.5068



90.5595, 95.1143, 108.1936



62.0614, 69.7358, 75.0997



19.1324, 20.0846, 23.1183



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.



58.4411, 60.9987, 78.5068



76.7422, 79.9537, 105.9956



58.2567, 58.4722, 78.0288



13.2631, 13.8652, 17.3649



8.9418, 5.3532, 41.6103



0.6942, 0.5198, 2.9090

Inverse Universe

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



61.6464, 60.4853, 66.1862



81.7644, 79.2001, 86.6795



65.3707, 71.6949, 63.8204



13.8642, 13.7633, 15.0553



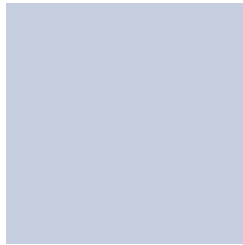
18.4536, 9.4484, 3.7886



1.3166, 0.6699, 0.4603

Previews

White Background



This preview shows how the XYZ color 58.4393, 60.9961, 78.5054 looks on a white background.

Color Contrast Check

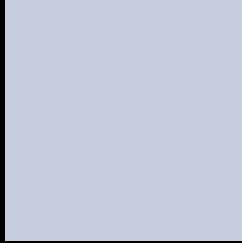
Large Text (above 18pt) WCAG AA × Fail

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 58.4393, 60.9961, 78.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

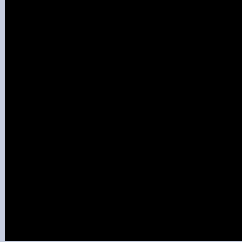
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

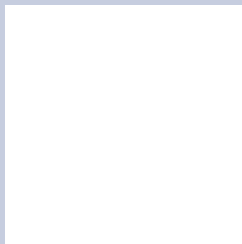
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4393, 60.9961, 78.5054

Background



This preview shows how black text looks on a background with the XYZ color 58.4393, 60.9961, 78.5054.

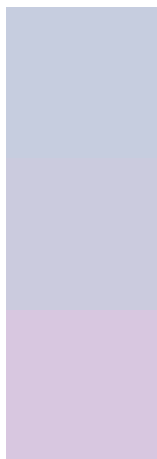


This preview shows how white text looks on a background with the XYZ color 58.4393, 60.9961,

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

58.4393, 60.9961, 78.5054

Protanopia

59.1694, 60.6823, 77.7015

Deuteranopia

62.1969, 60.8276, 78.9838



Tritanopia

58.3048, 60.9423, 77.7973

Trichromacy



Original Color

58.4393, 60.9961, 78.5054

Protanomaly

58.8651, 60.8772, 77.7552

Deuteranomaly

60.6357, 60.7104, 79.0434

Tritanomaly

58.3048, 60.9423, 77.7973

Monochromacy



Original Color

58.4393, 60.9961, 78.5054

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0721, 60.9727, 70.9955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4393, 60.9961, 78.5054 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(198, 205, 223) looks like.

```
.text, #text, p{  
    color:rgb(198, 205, 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(198, 205, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 205, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.4393, 60.9961, 78.5054 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(198, 205, 223) }
```


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

```
.border{ border-color:rgb(198, 205, 223) }
```

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

Here you see how a box with a 4 pixel rgb(198, 205, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 205, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 205, 223);  
box-shadow:4px 4px 4px 4px rgb(198, 205,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4393, 60.9961, 78.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 205, 223) }
```

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

```
.background{ background-color: rgb(198,  
205, 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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