

Converting Colors

XYZ(56.7500, 57.5205, 78.9173)

Have a look what the booklet for
XYZ(56.7500, 57.5205, 78.9173)
contains.

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Color

**XYZ(56.6746, 57.6403,
78.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C6E0
RGB	197, 198, 224
RGB Percent	77%, 78%, 88%
CMY	0.2274, 0.2235, 0.1216
CMYK	0.12, 0.12, 0.00, 0.12
HSL	238°, 30%, 83%
HSV	238°, 12%, 88%
XYZ	56.6746, 57.6403, 78.6596
YIQ	200.6650, -8.9420, 7.8740

Conversions

Conversions Part 2

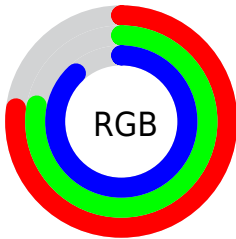
Format	Color
R_{YB}	197, 198, 224
Decimal	12961504
CIE Lab	80.54, 4.73, -13.01
CIE LCh	81, 13.844, 289.974
Yxy	57.6403, 0.2937, 0.2987
Android (android.graphics.Color)	4291151584 (0xFFC5C6E0)
YUV	200.6650, 11.5042, -3.2142
Hunter-Lab	75.9212, 0.3868, -8.2837

Details

The XYZ color **56.6746, 57.6403, 78.6596** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.2065, 72.6535, 63.3059**, and the grayscale version is **55.2465, 58.1236, 63.2966**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **28.4624, 28.6507, 41.5661** is the 20% darker color. If you saturate the color by 10%, you get **46.6557, 45.6718, 76.8784**, and if you desaturate by 10%, it is **68.2706, 71.4669, 80.7181**.

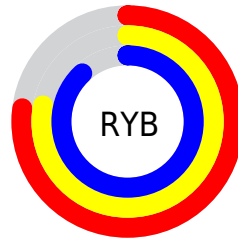
Distribution



Red (77%)

Green (78%)

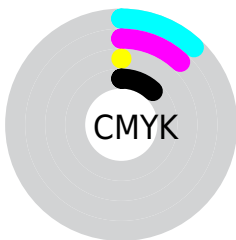
Blue (88%)



Red (77%)

Yellow (78%)

Blue (88%)

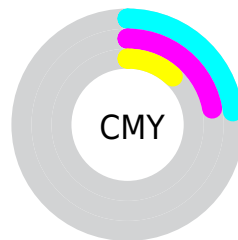


Cyan (12%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (23%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6746, 57.6403, 78.6596 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 56.6746, 57.6403, 78.6596 by changing the saturation by 10% instead.

■ 56.6746, 57.6403,
78.6596

■ 56.6746, 57.6403,
78.6596

402.2628,
415.8443, 509.9912

■ 40.9832, 41.5195,
58.0963

99.1243, 101.3989,
133.2739

■ 28.4935, 28.7253,
41.4709

126.6133,
129.8055, 168.1619

■ 18.8404, 18.8731,
28.3647

158.7656,
163.0761, 208.6620

■ 11.6583, 11.5786,
18.3593

195.9464,
201.5953, 255.1926

■ 6.5820, 6.4574,
11.0362

238.5212,
245.7472, 308.1722

■ 3.2461, 3.1252,
5.9767

286.8553,

■ 1.2852, 1.1974,

295.9165, 368.0195

2.7624

341.3140,
352.4874, 435.1530

■ 0.1721, 0.0596,
0.9746

■ 0.0000, 0.0000,
0.0000

■ 56.6746, 57.6403,
78.6596

■ 56.6746, 57.6403,
78.6596

■ 46.6557, 45.6718,
76.8784

■ 68.2706, 71.4669,
80.7181

■ 38.1407, 35.4754,
75.3591

■ 81.5020, 87.2185,
83.0611

■ 31.0588, 26.9691,
74.0905

■ 90.4547, 98.1619,
84.7016

■ 25.3310, 20.0616,
73.0591

■ 20.8710, 14.6530,
72.2502

■ 17.5825, 10.6320,
71.6474

■ 15.3552, 7.8721,
71.2320

■ 14.0579, 6.2235,
70.9822

■ 13.5450, 5.5624,
70.8816

Harmonies

Analogous

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



53.8389, 57.6403, 79.4795



56.6746, 57.6403, 78.6596



59.0803, 57.6403, 73.3807

Triad

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



56.6746, 57.6403, 78.6596



58.3780, 57.6403, 51.5160



49.5752, 57.6403, 60.0734

Complementary

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



56.6746, 57.6403, 78.6596



67.2065, 72.6535, 63.3059

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.



50.7038, 57.6403, 53.2178



56.6746, 57.6403, 78.6596



55.7429, 57.6403, 48.5677

Square

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



56.6746, 57.6403, 78.6596



60.0870, 57.6403, 57.5615



52.9386, 57.6403, 49.1626



49.8051, 57.6403, 68.2635

Rectangle

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



56.6746, 57.6403, 78.6596



60.0852, 57.6403, 68.2776



52.9386, 57.6403, 49.1626



49.8067, 57.6403, 57.5489

Sweetspot

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



56.6763, 57.6427, 78.6609



88.3429, 92.0095, 107.7112



62.9548, 70.4915, 79.8539



18.6475, 19.3822, 23.0083



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.



56.6763, 57.6427, 78.6609



73.1114, 73.8420, 105.0073



59.7589, 58.8928, 78.7397



12.9927, 13.3244, 17.2748



7.9024, 3.2744, 41.2639



0.5624, 0.2562, 2.8651

Inverse Universe

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



60.9011, 59.8584, 61.7728



79.6511, 77.2802, 78.8638



63.8429, 71.3183, 63.2255



13.7278, 13.7087, 14.3366



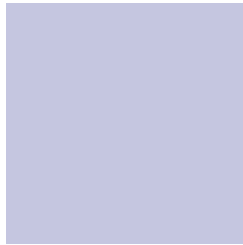
17.9290, 9.2386, 1.0259



1.2501, 0.6433, 0.1099

Previews

White Background



This preview shows how the XYZ color 56.6746, 57.6403, 78.6596 looks on a white background.

Color Contrast Check

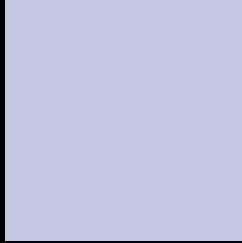
Large Text (above 18pt) WCAG AA × Fail

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 56.6746, 57.6403, 78.6596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

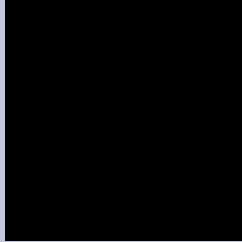
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6746, 57.6403, 78.6596

Background



This preview shows how black text looks on a background with the XYZ color 56.6746, 57.6403, 78.6596.

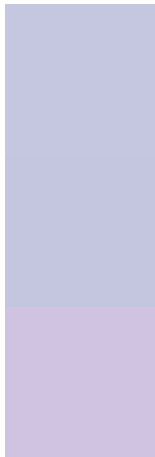


This preview shows how white text looks on a background with the XYZ color 56.6746, 57.6403,

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

56.6746, 57.6403, 78.6596

Protanopia

56.4136, 57.5057, 78.6474

Deuteranopia

58.8378, 57.7319, 79.2764



Tritanopia

55.4541, 57.4889, 72.4637

Trichromacy



Original Color

56.6746, 57.6403, 78.6596

Protanomaly

56.4136, 57.5057, 78.6474

Deuteranomaly

57.9591, 57.6126, 79.2997

Tritanomaly

55.8433, 57.6446, 74.5129

Monochromacy



Original Color

56.6746, 57.6403, 78.6596

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9823, 58.1914, 68.6031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6746, 57.6403, 78.6596 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(197, 198, 224)` looks like.

```
.text, #text, p{  
    color:rgb(197, 198, 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(197, 198, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 198, 224) }
```

Border

The CSS property to change the border of an element to XYZ 56.6746, 57.6403, 78.6596 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(197, 198, 224) }
```


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

```
.border{ border-color:rgb(197, 198, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 198, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 198, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 198, 224);  
box-shadow:4px 4px 4px 4px rgb(197, 198,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6746, 57.6403, 78.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 198, 224) }
```

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

```
.background{ background-color: rgb(197,  
198, 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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