

Converting Colors

XYZ(56.2357, 58.7579, 77.7830)

Have a look what the booklet for
XYZ(56.2357, 58.7579, 77.7830)
contains.

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Color

**XYZ(56.2977, 58.8524,
77.4997)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CADE
RGB	193, 202, 222
RGB Percent	76%, 79%, 87%
CMY	0.2431, 0.2078, 0.1294
CMYK	0.13, 0.09, 0.00, 0.13
HSL	221°, 31%, 81%
HSV	221°, 13%, 87%
XYZ	56.2977, 58.8524, 77.4997
YIQ	201.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

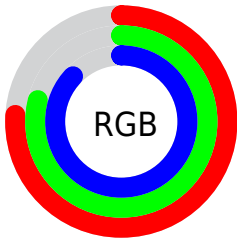
Format	Color
R _Y B	193, 200, 222
Decimal	12700382
CIE Lab	81.21, 0.90, -10.97
CIE LCh	81, 11.003, 274.679
Yxy	58.8524, 0.2922, 0.3055
Android (android.graphics.Color)	4290890462 (0xFFC1CADE)
YUV	201.5890, 10.0626, -7.5326
Hunter-Lab	76.7153, -3.2592, -6.1955

Details

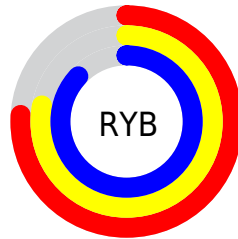
The XYZ color **56.2977, 58.8524, 77.4997** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5446, 66.9683, 60.0304**, and the grayscale version is **55.8291, 58.7366, 63.9641**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.2124, 29.4588, 40.7584** is the 20% darker color. If you saturate the color by 10%, you get **47.6423, 49.3214, 76.1171**, and if you desaturate by 10%, it is **66.1624, 69.5390, 79.0434**.

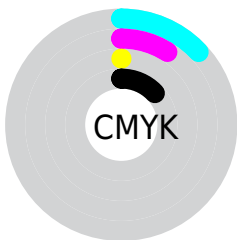
Distribution



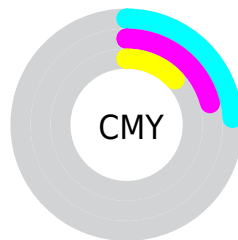
- Red (76%)
- Green (79%)
- Blue (87%)



- Red (76%)
- Yellow (78%)
- Blue (87%)



- Cyan (13%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2977, 58.8524, 77.4997 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 56.2977, 58.8524, 77.4997 by changing the saturation by 10% instead.

■ 56.2977, 58.8524,
77.4997

■ 56.2977, 58.8524,
77.4997

400.8693,
420.3547, 505.9489

■ 40.6796, 42.4943,
57.1491

■ 98.5770, 103.1631,
131.6241

■ 28.2554, 29.4885,
40.7148

125.9689,
131.8845, 166.2349

■ 18.6597, 19.4507,
27.7783

158.0161,
165.4958, 206.4362

■ 11.5272, 11.9964,
17.9210

195.0840,
204.3815, 252.6465

■ 6.4925, 6.7412,
10.7244

237.5379,
248.9257, 305.2844

■ 3.1903, 3.3008,
5.7700

285.7432,

■ 1.2552, 1.2907,

299.5131, 364.7684

2.6392

340.0652,
356.5280, 431.5171

■ 0.1493, 0.1340,
0.9126

■ 0.0000, 0.0000,
0.0000

■ 56.2977, 58.8524,
77.4997

■ 56.2977, 58.8524,
77.4997

■ 47.6423, 49.3214,
76.1171

■ 66.1624, 69.5390,
79.0434

■ 40.1431, 40.8984,
74.8866

■ 77.2765, 81.4117,
80.7493

■ 33.7502, 33.5435,
73.8039

■ 87.9710, 93.6260,
82.5432

■ 28.4083, 27.2110,
72.8632

■ 90.1850, 98.0540,
83.2812

■ 24.0569, 21.8521,
72.0581

■ 20.6289, 17.4133,
71.3820

■ 18.0479, 13.8348,
70.8274

■ 16.2233, 11.0484,
70.3857

■ 15.3079, 9.5198,
70.1389

Harmonies

Analogous

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



54.0738, 58.8524, 76.1787



56.2977, 58.8524, 77.4997



58.4824, 58.8524, 75.0291

Triad

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



56.2977, 58.8524, 77.4997



59.6401, 58.8524, 57.1643



52.0479, 58.8524, 58.8328

Complementary

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



56.2977, 58.8524, 77.4997



63.5446, 66.9683, 60.0304

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.



53.4674, 58.8524, 54.2520



56.2977, 58.8524, 77.4997



57.8434, 58.8524, 53.3358

Square

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



56.2977, 58.8524, 77.4997



60.4454, 58.8524, 63.0562



55.5787, 58.8524, 52.3069



51.6593, 58.8524, 65.1153

Rectangle

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



56.2977, 58.8524, 77.4997



59.6106, 58.8524, 71.6573



55.5787, 58.8524, 52.3069



52.4184, 58.8524, 57.0571

Sweetspot

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



56.2995, 58.8549, 77.5010



89.1935, 93.7106, 107.9947



60.1017, 68.3759, 72.8601



18.8620, 19.8111, 23.0797



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.



56.2995, 58.8549, 77.5010



73.2722, 76.4108, 105.4946



55.6283, 55.4641, 76.8819



13.2974, 13.9340, 17.3764



9.1797, 5.8290, 41.6896



0.7142, 0.5599, 2.9157

Inverse Universe

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



59.8563, 57.9352, 63.9077



79.1838, 74.9931, 82.8773



64.2692, 70.7971, 60.7313



13.8816, 13.7703, 15.1466



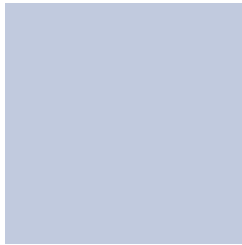
18.5737, 9.4965, 4.4208



1.3268, 0.6740, 0.5136

Previews

White Background



This preview shows how the XYZ color 56.2977, 58.8524, 77.4997 looks on a white background.

Color Contrast Check

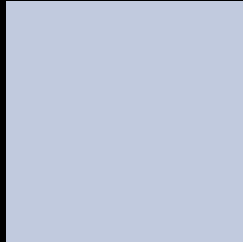
Large Text (above 18pt) WCAG AA × Fail

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 56.2977, 58.8524, 77.4997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

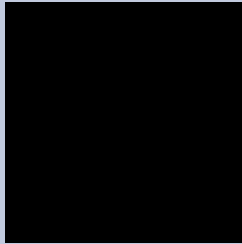
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

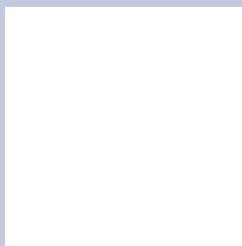
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.2977, 58.8524, 77.4997

Background



This preview shows how black text looks on a background with the XYZ color 56.2977, 58.8524, 77.4997.

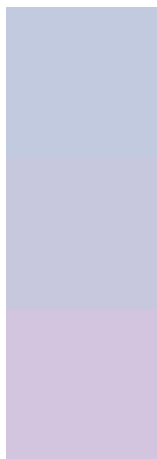


This preview shows how white text looks on a background with the XYZ color 56.2977, 58.8524,

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

56.2977, 58.8524, 77.4997

Protanopia

57.2586, 58.6711, 76.7134

Deuteranopia

59.9232, 58.6565, 77.9756



Tritanopia

55.8803, 59.0328, 75.4671

Trichromacy



Original Color

56.2977, 58.8524, 77.4997

Protanomaly

56.9637, 58.8641, 76.7662

Deuteranomaly

58.4152, 58.5532, 78.0351

Tritanomaly

56.0124, 59.0856, 76.1626

Monochromacy



Original Color

56.2977, 58.8524, 77.4997

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1823, 58.9866, 68.7460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2977, 58.8524, 77.4997 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(193, 202, 222)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 222)  
}
```

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(193, 202, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 222) }
```

Border

The CSS property to change the border of an element to XYZ 56.2977, 58.8524, 77.4997 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(193, 202, 222) }
```


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

```
.border{ border-color:rgb(193, 202, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 202, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 202, 222); box-shadow:4px 4px 4px 4px rgb(193, 202, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2977, 58.8524, 77.4997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 222) }
```

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

```
.background{ background-color: rgb(193,  
202, 222) }
```

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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