

Converting Colors

XYZ(56.5339, 57.0675, 83.7749)

Have a look what the booklet for
XYZ(56.5339, 57.0675, 83.7749)
contains.

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Color

**XYZ(56.6382, 57.1714,
83.6513)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C5E7
RGB	194, 197, 231
RGB Percent	76%, 77%, 91%
CMY	0.2392, 0.2274, 0.0941
CMYK	0.16, 0.15, 0.00, 0.09
HSL	235°, 44%, 83%
HSV	235°, 16%, 91%
XYZ	56.6382, 57.1714, 83.6513
YIQ	199.9790, -12.7020, 9.9380

Conversions

Conversions Part 2

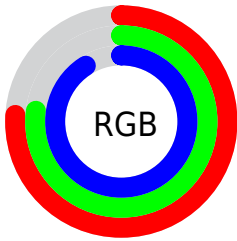
Format	Color
RYB	194, 197, 231
Decimal	12764647
CIELab	80.28, 5.77, -17.18
CIELCh	80, 18.126, 288.564
Yxy	57.1714, 0.2868, 0.2895
Android (android.graphics.Color)	4290954727 (0xFFC2C5E7)
YUV	199.9790, 15.2934, -5.2436
Hunter-Lab	75.6118, 1.3877, -12.6659

Details

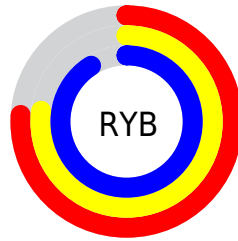
The XYZ color **56.6382, 57.1714, 83.6513** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.4363, 76.3705, 62.0688**, and the grayscale version is **54.8027, 57.6567, 62.7881**.

A 20% lighter version of the original color is **93.2755, 98.6129, 108.7258**, and **28.3755, 28.3155, 44.5273** is the 20% darker color. If you saturate the color by 10%, you get **46.6792, 45.3805, 81.9012**, and if you desaturate by 10%, it is **68.2008, 70.7993, 85.6732**.

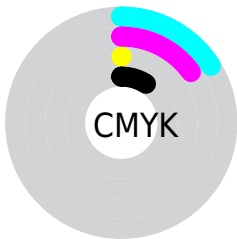
Distribution



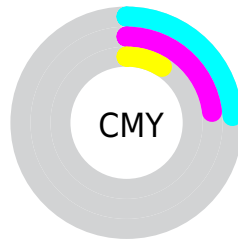
- Red (76%)
- Green (77%)
- Blue (91%)



- Red (76%)
- Yellow (77%)
- Blue (91%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6382, 57.1714, 83.6513 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 56.6382, 57.1714, 83.6513 by changing the saturation by 10% instead.

■ 56.6382, 57.1714,
83.6513

■ 56.6382, 57.1714,
83.6513

402.1283,
414.0913, 527.1823

■ 40.9538, 41.1429,
62.1839

■ 99.0715, 100.7152,
140.3447

■ 28.4705, 28.4307,
44.7445

126.5511,
128.9993, 176.4077

■ 18.8229, 18.6506,
30.9148

158.6932,
162.1374, 218.1730

■ 11.6456, 11.4181,
20.2760

195.8632,
200.5139, 266.0590

■ 6.5733, 6.3488,
12.4098

238.4263,
244.5131, 320.4845

■ 3.2407, 3.0583,
6.8975

286.7480,

■ 1.2823, 1.1622,

294.5194, 381.8678

3.3206

341.1935,
350.9174, 450.6276

■ 0.1699, 0.0305,
1.2606

■ 0.0000, 0.0000,
0.0291

■ 56.6382, 57.1714,
83.6513

■ 56.6382, 57.1714,
83.6513

■ 46.6792, 45.3805,
81.9012

■ 68.2008, 70.7993,
85.6732

■ 38.2480, 35.3413,
80.4078

■ 81.4281, 86.3306,
87.9739

■ 31.2704, 26.9720,
79.1602

■ 91.4240, 98.5496,
89.8056

■ 25.6638, 20.1820,
78.1451

■ 21.3376, 14.8716,
77.3481

■ 18.1900, 10.9299,
76.7532

■ 16.1034, 8.2303,
76.3421

■ 14.9357, 6.6220,
76.0932

■ 14.6525, 6.2267,
76.0318

Harmonies

Analogous

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



52.9401, 57.1714, 84.4528



56.6382, 57.1714, 83.6513



59.8545, 57.1714, 76.7440

Triad

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



56.6382, 57.1714, 83.6513



59.1894, 57.1714, 48.1794



47.6552, 57.1714, 58.2935

Complementary

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



56.6382, 57.1714, 83.6513



70.4363, 76.3705, 62.0688

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.



49.1745, 57.1714, 49.7063



56.6382, 57.1714, 83.6513



55.7638, 57.1714, 44.3254

Square

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



56.6382, 57.1714, 83.6513



61.3730, 57.1714, 55.9810



52.1042, 57.1714, 44.8507



47.8654, 57.1714, 68.9703

Rectangle

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



56.6382, 57.1714, 83.6513



61.2406, 57.1714, 70.0040



52.1042, 57.1714, 44.8507



47.9777, 57.1714, 55.0907

Sweetspot

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



56.6400, 57.1738, 83.6526



86.8897, 90.4132, 107.4797



64.8172, 74.2190, 84.2486



18.3616, 19.0742, 22.9639



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.



56.6400, 57.1738, 83.6526



66.8222, 66.7520, 103.9702



60.1293, 57.9706, 83.6225



13.6763, 14.0741, 18.1401



8.2498, 3.5617, 42.6358



0.6425, 0.3289, 3.1616

Inverse Universe

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



62.3262, 59.6051, 61.0460



75.1369, 70.3451, 70.9055



66.5105, 75.5834, 62.1238



14.4242, 14.3869, 15.1684



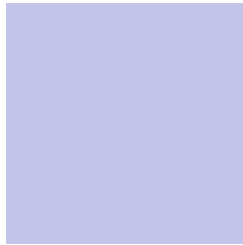
18.5576, 9.5573, 1.2995



1.3879, 0.7129, 0.1833

Previews

White Background



This preview shows how the XYZ color 56.6382, 57.1714, 83.6513 looks on a white background.

Color Contrast Check

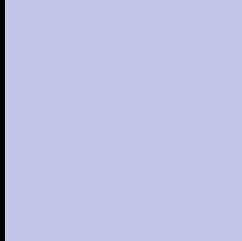
Large Text (above 18pt) WCAG AA × Fail

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 56.6382, 57.1714, 83.6513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

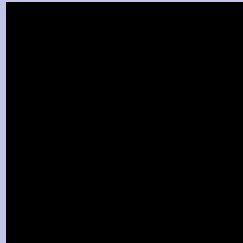
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6382, 57.1714, 83.6513

Background



This preview shows how black text looks on a background with the XYZ color 56.6382, 57.1714, 83.6513.



This preview shows how white text looks on a background with the XYZ color 56.6382, 57.1714,

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

56.6382, 57.1714, 83.6513

Protanopia

56.3824, 57.0395, 83.6394

Deuteranopia

58.4859, 57.1063, 84.2840



Tritanopia

54.4059, 57.2912, 72.4808

Trichromacy



Original Color

56.6382, 57.1714, 83.6513

Protanomaly

56.3824, 57.0395, 83.6394

Deuteranomaly

57.9000, 57.1358, 84.3206

Tritanomaly

55.2128, 57.2738, 76.5515

Monochromacy



Original Color

56.6382, 57.1714, 83.6513

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4700, 57.5558, 69.8138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6382, 57.1714, 83.6513 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(194, 197, 231)` looks like.

```
.text, #text, p{  
    color:rgb(194, 197, 231)  
}
```

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(194, 197, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 197, 231) }
```

Border

The CSS property to change the border of an element to XYZ 56.6382, 57.1714, 83.6513 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(194, 197, 231) }
```


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

```
.border{ border-color:rgb(194, 197, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 197, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 197, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 197, 231);  
box-shadow:4px 4px 4px 4px rgb(194, 197,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6382, 57.1714, 83.6513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 197, 231) }
```

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

```
.background{ background-color: rgb(194,  
197, 231) }
```

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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