

Converting Colors

XYZ(56.5952, 56.9168, 87.8047)

Have a look what the booklet for
XYZ(56.5952, 56.9168, 87.8047)
contains.

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Color

**XYZ(56.7382, 57.1233,
88.1562)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC5ED
RGB	191, 197, 237
RGB Percent	75%, 77%, 93%
CMY	0.2510, 0.2274, 0.0706
CMYK	0.19, 0.17, 0.00, 0.07
HSL	232°, 56%, 84%
HSV	232°, 19%, 93%
XYZ	56.7382, 57.1233, 88.1562
YIQ	199.7660, -16.4160, 11.1680

Conversions

Conversions Part 2

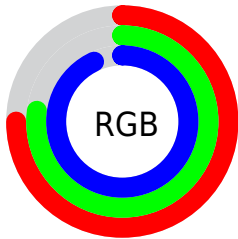
Format	Color
R_{YB}	191, 196, 237
Decimal	12568045
CIE Lab	80.25, 6.13, -20.46
CIE LCh	80, 21.360, 286.690
Yxy	57.1233, 0.2809, 0.2828
Android (android.graphics.Color)	4290758125 (0xFFBFC5ED)
YUV	199.7660, 18.3564, -7.6878
Hunter-Lab	75.5800, 1.7358, -16.2497

Details

The XYZ color **56.7382, 57.1233, 88.1562** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.9055, 78.9180, 60.6819**, and the grayscale version is **54.6552, 57.5015, 62.6192**.

A 20% lighter version of the original color is **92.2032, 98.0601, 108.6756**, and **28.4795, 28.2995, 47.6774** is the 20% darker color. If you saturate the color by 10%, you get **46.8897, 45.5693, 86.4461**, and if you desaturate by 10%, it is **68.1943, 70.4585, 90.1273**.

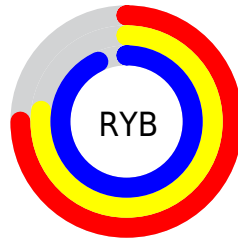
Distribution



Red (75%)

Green (77%)

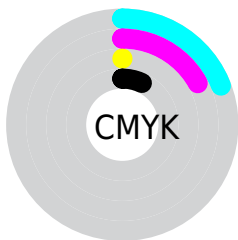
Blue (93%)



Red (75%)

Yellow (77%)

Blue (93%)

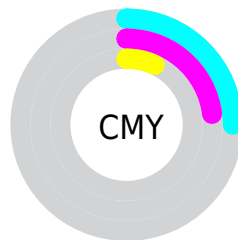


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (7%)



Cyan (25%)

Magenta (23%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7382, 57.1233, 88.1562 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 56.7382, 57.1233, 88.1562 by changing the saturation by 10% instead.

■ 56.7382, 57.1233,
88.1562

■ 56.7382, 57.1233,
88.1562

402.4976,
413.9112, 542.4292

■ 41.0344, 41.1042,
65.8874

■ 99.2167, 100.6451,
146.6877

■ 28.5338, 28.4005,
47.7251

126.7220,
128.9166, 183.7873

■ 18.8709, 18.6278,
33.2508

158.8920,
162.0410, 226.6677

■ 11.6805, 11.4017,
22.0459

196.0918,
200.4028, 275.7474

■ 6.5971, 6.3377,
13.6920

238.6870,
244.3863, 331.4448

■ 3.2555, 3.0515,
7.7705

287.0428,

■ 1.2903, 1.1587,

294.3760, 394.1786

3.8628

341.5245,
350.7561, 464.3672

■ 0.1759, 0.0276,
1.5504

■ 0.0000, 0.0000,
0.2550

■ 56.7382, 57.1233,
88.1562

■ 56.7382, 57.1233,
88.1562

■ 46.8897, 45.5693,
86.4461

■ 68.1943, 70.4585,
90.1273

■ 38.5715, 35.7140,
84.9822

■ 81.3202, 85.6387,
92.3656

■ 31.7076, 27.4790,
83.7545

■ 92.2862, 98.8945,
94.3462

■ 26.2135, 20.7765,
82.7503

■ 21.9959, 15.5107,
81.9562

■ 18.9494, 11.5747,
81.3570

■ 16.9513, 8.8458,
80.9356

■ 15.8241, 7.1642,
80.6705

■ 15.7742, 7.0904,
80.6589

Harmonies

Analogous

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



52.3861, 57.1233, 88.6196



56.7382, 57.1233, 88.1562



60.6277, 57.1233, 80.1696

Triad

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



56.7382, 57.1233, 88.1562



60.2520, 57.1233, 46.3070



46.5351, 57.1233, 56.8304

Complementary

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



56.7382, 57.1233, 88.1562



72.9055, 78.9180, 60.6819

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.



48.4175, 57.1233, 47.1347



56.7382, 57.1233, 88.1562



56.2476, 57.1233, 41.6307

Square

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



56.7382, 57.1233, 88.1562



62.7296, 57.1233, 55.5518



51.9210, 57.1233, 41.9118



46.6507, 57.1233, 69.3532

Rectangle

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



56.7382, 57.1233, 88.1562



62.3656, 57.1233, 72.1937



51.9210, 57.1233, 41.9118



46.9507, 57.1233, 53.1695

Sweetspot

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



56.7400, 57.1256, 88.1575



85.5452, 89.0164, 107.2809



66.1762, 77.4078, 86.9570



18.0982, 18.8077, 22.9263



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.



56.7400, 57.1256, 88.1575



62.4995, 62.1895, 103.3174



59.8932, 56.7682, 87.9223



14.3896, 14.8657, 19.0332



8.6645, 3.9760, 44.0537



0.7312, 0.4138, 3.4762

Inverse Universe

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



63.6354, 59.2989, 60.9178



71.9583, 65.2577, 65.9315



69.2449, 79.5675, 61.0002



15.1455, 15.0860, 16.0513



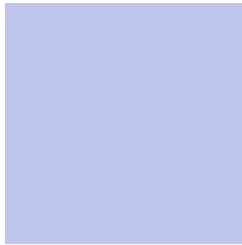
19.2287, 9.8942, 1.7400



1.5356, 0.7872, 0.2716

Previews

White Background



This preview shows how the XYZ color 56.7382, 57.1233, 88.1562 looks on a white background.

Color Contrast Check

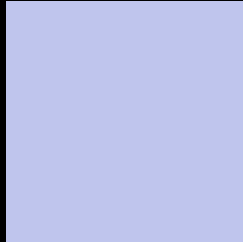
Large Text (above 18pt) WCAG AA × Fail

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 56.7382, 57.1233, 88.1562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

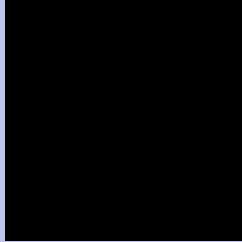
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7382, 57.1233, 88.1562

Background



This preview shows how black text looks on a background with the XYZ color 56.7382, 57.1233, 88.1562.



This preview shows how white text looks on a background with the XYZ color 56.7382, 57.1233,

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

56.7382, 57.1233, 88.1562

Protanopia

56.7382, 57.1233, 88.1562

Deuteranopia

58.2776, 56.8987, 88.7999



Tritanopia

53.7748, 57.2960, 73.1907

Trichromacy



Original Color

56.7382, 57.1233, 88.1562

Protanomaly

56.7382, 57.1233, 88.1562

Deuteranomaly

57.7127, 56.9390, 88.8375

Tritanomaly

54.8479, 57.3817, 78.7060

Monochromacy



Original Color

56.7382, 57.1233, 88.1562

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.4596, 57.5213, 71.1305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7382, 57.1233, 88.1562 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, 197, 237)` looks like.

```
.text, #text, p{  
    color:rgb(191, 197, 237)  
}
```

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, 197, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 197, 237) }
```

Border

The CSS property to change the border of an element to XYZ 56.7382, 57.1233, 88.1562 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, 197, 237) }
```


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

```
.border{ border-color:rgb(191, 197, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 197, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 197, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 197, 237);  
box-shadow:4px 4px 4px 4px rgb(191, 197,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7382, 57.1233, 88.1562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 197, 237) }
```

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

```
.background{ background-color: rgb(191,  
197, 237) }
```

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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