

Converting Colors

XYZ(57.3693, 56.8622, 84.2957)

Have a look what the booklet for
XYZ(57.3693, 56.8622, 84.2957)
contains.

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Color

**XYZ(57.3693, 56.8622,
84.2957)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C3E8
RGB	198, 195, 232
RGB Percent	78%, 76%, 91%
CMY	0.2235, 0.2353, 0.0902
CMYK	0.15, 0.16, 0.00, 0.09
HSL	245°, 45%, 84%
HSV	245°, 16%, 91%
XYZ	57.3693, 56.8622, 84.2957
YIQ	200.1150, -10.0890, 12.1430

Conversions

Conversions Part 2

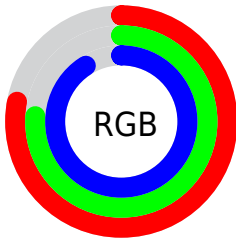
Format	Color
R_{YB}	198, 195, 232
Decimal	13026280
CIE Lab	80.10, 8.32, -17.95
CIE LCh	80, 19.787, 294.873
Yxy	56.8622, 0.2890, 0.2864
Android (android.graphics.Color)	4291216360 (0xFFC6C3E8)
YUV	200.1150, 15.7193, -1.8549
Hunter-Lab	75.4070, 3.8396, -13.4939

Details

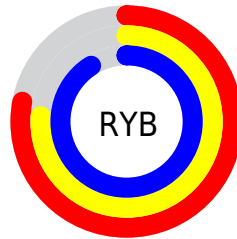
The XYZ color **57.3693, 56.8622, 84.2957** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.0220, 78.3128, 63.0051**, and the grayscale version is **54.8827, 57.7408, 62.8798**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **28.8629, 28.1136, 44.9795** is the 20% darker color. If you saturate the color by 10%, you get **47.3400, 44.5667, 82.4519**, and if you desaturate by 10%, it is **69.0007, 71.1854, 86.4482**.

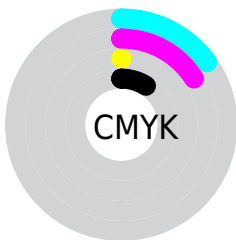
Distribution



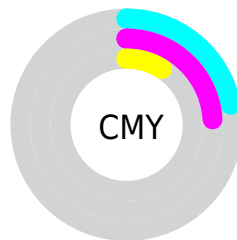
- Red (78%)
- Green (76%)
- Blue (91%)



- Red (78%)
- Yellow (76%)
- Blue (91%)



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



- Cyan (22%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3693, 56.8622, 84.2957 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 57.3693, 56.8622, 84.2957 by changing the saturation by 10% instead.

■ 57.3693, 56.8622,
84.2957

■ 57.3693, 56.8622,
84.2957

404.8235,
412.9328, 529.3784

■ 41.5431, 40.8946,
62.7128

■ 100.1321,
100.2641, 141.2542

■ 28.9332, 28.2367,
45.1694

127.7994,
128.4672, 177.4668

■ 19.1744, 18.5042,
31.2470

160.1445,
161.5176, 219.3931

■ 11.9011, 11.3126,
20.5269

197.5327,
199.7997, 267.4516

■ 6.7481, 6.2775,
12.5908

240.3293,
243.6978, 322.0608

■ 3.3500, 3.0145,
7.0200

288.8997,

■ 1.3414, 1.1393,

293.5965, 383.6393

3.3960

343.6094,
349.8800, 452.6057

■ 0.2139, 0.0113,
1.3002

■ 0.0000, 0.0000,
0.0620

■ 57.3693, 56.8622,
84.2957

■ 57.3693, 56.8622,
84.2957

■ 47.3400, 44.5667,
82.4519

■ 69.0007, 71.1854,
86.4482

■ 38.8377, 34.2005,
80.8992

■ 82.2947, 87.6147,
88.9187

■ 31.7886, 25.6678,
79.6237

■ 91.5657, 98.6063,
90.5517

■ 26.1113, 18.8614,
78.6092

■ 21.7159, 13.6634,
77.8375

■ 18.5019, 9.9407,
77.2884

■ 16.3536, 7.5391,
76.9381

■ 15.1314, 6.2694,
76.7574

■ 14.8303, 5.9627,
76.7141

Harmonies

Analogous

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



53.3567, 56.8622, 86.7373



57.3693, 56.8622, 84.2957



60.6309, 56.8622, 75.5730

Triad

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



57.3693, 56.8622, 84.2957



58.6258, 56.8622, 45.4861



46.6930, 56.8622, 59.9522

Complementary

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



57.3693, 56.8622, 84.2957



71.0220, 78.3128, 63.0051

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.



47.9556, 56.8622, 50.0075



57.3693, 56.8622, 84.2957



54.7409, 56.8622, 42.3446

Square

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



57.3693, 56.8622, 84.2957



61.3813, 56.8622, 53.0445



50.8532, 56.8622, 43.8913



47.3194, 56.8622, 71.7192

Rectangle

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



57.3693, 56.8622, 84.2957



61.8725, 56.8622, 67.8838



50.8532, 56.8622, 43.8913



46.9087, 56.8622, 56.3035

Sweetspot

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



57.3710, 56.8646, 84.2970



86.9365, 89.9783, 107.3932



65.2400, 73.7640, 87.1441



18.3729, 18.9690, 22.9430



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.



57.3710, 56.8646, 84.2970



66.9679, 65.3995, 103.7015



62.3916, 59.4527, 84.5319



13.6905, 13.9427, 18.1140



8.2746, 3.3316, 42.5901



0.6493, 0.2657, 3.1490

Inverse Universe

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



66.9385, 61.8456, 82.5406



80.8683, 72.6376, 101.0865



65.5822, 75.5085, 62.7505



14.9421, 14.5940, 17.8954



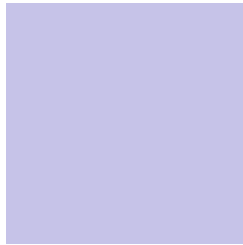
25.1792, 12.2059, 36.1683



1.8757, 0.9080, 2.7518

Previews

White Background



This preview shows how the XYZ color 57.3693, 56.8622, 84.2957 looks on a white background.

Color Contrast Check

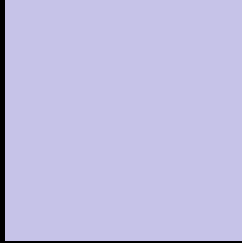
Large Text (above 18pt) WCAG AA × Fail

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 57.3693, 56.8622, 84.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

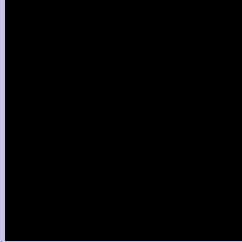
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3693, 56.8622, 84.2957

Background



This preview shows how black text looks on a background with the XYZ color 57.3693, 56.8622, 84.2957.



This preview shows how white text looks on a background with the XYZ color 57.3693, 56.8622,

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

57.3693, 56.8622, 84.2957

Protanopia

56.1601, 56.8921, 85.1121

Deuteranopia

58.2144, 56.9663, 84.2713



Tritanopia

54.8374, 56.8453, 71.7003

Trichromacy



Original Color

57.3693, 56.8622, 84.2957

Protanomaly

56.6960, 56.8324, 85.0723

Deuteranomaly

57.9447, 56.8273, 84.2587

Tritanomaly

55.7823, 56.8887, 76.4472

Monochromacy



Original Color

57.3693, 56.8622, 84.2957

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.6309, 57.2837, 70.4122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3693, 56.8622, 84.2957 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, 195, 232)` looks like.

```
.text, #text, p{  
    color:rgb(198, 195, 232)  
}
```

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, 195, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 195, 232) }
```

Border

The CSS property to change the border of an element to XYZ 57.3693, 56.8622, 84.2957 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, 195, 232) }
```


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

```
.border{ border-color:rgb(198, 195, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 195, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 195, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 195, 232);  
box-shadow:4px 4px 4px 4px rgb(198, 195,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3693, 56.8622, 84.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 195, 232) }
```

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

```
.background{ background-color: rgb(198,  
195, 232) }
```

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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