

Converting Colors

XYZ(58.6753, 57.8117, 87.6802)

Have a look what the booklet for
XYZ(58.6753, 57.8117, 87.6802)
contains.

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Color

**XYZ(58.6997, 57.8153,
87.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C4EC
RGB	200, 196, 236
RGB Percent	78%, 77%, 93%
CMY	0.2157, 0.2314, 0.0745
CMYK	0.15, 0.17, 0.00, 0.07
HSL	246°, 51%, 85%
HSV	246°, 17%, 93%
XYZ	58.6997, 57.8153, 87.4226
YIQ	201.7560, -10.4560, 13.2880

Conversions

Conversions Part 2

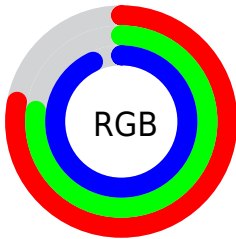
Format	Color
R _Y B	200, 196, 236
Decimal	13157612
CIE Lab	80.64, 9.26, -19.27
CIE LCh	81, 21.384, 295.667
Yxy	57.8153, 0.2878, 0.2835
Android (android.graphics.Color)	4291347692 (0xFFC8C4EC)
YUV	201.7560, 16.8823, -1.5400
Hunter-Lab	76.0364, 4.7375, -14.9430

Details

The XYZ color **58.6997, 57.8153, 87.4226** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.2398, 81.1337, 64.0273**, and the grayscale version is **55.8913, 58.8020, 64.0354**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **29.7653, 28.7523, 47.1610** is the 20% darker color. If you saturate the color by 10%, you get **48.5054, 45.2706, 85.5395**, and if you desaturate by 10%, it is **70.5230, 72.4456, 89.6243**.

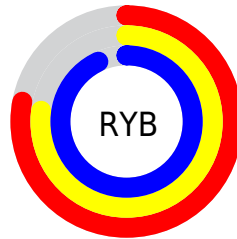
Distribution



Red (78%)

Green (77%)

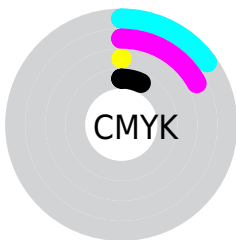
Blue (93%)



Red (78%)

Yellow (77%)

Blue (93%)

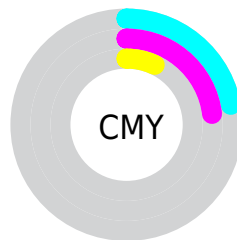


Cyan (15%)

Magenta (17%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (23%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6997, 57.8153, 87.4226 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 58.6997, 57.8153, 87.4226 by changing the saturation by 10% instead.

■ 58.6997, 57.8153,
87.4226

■ 58.6997, 57.8153,
87.4226

409.7001,
416.4974, 539.9627

■ 42.6169, 41.6602,
65.2834

102.0582,
101.6538, 145.6571

■ 29.7778, 28.8353,
47.2381

130.0646,
130.1061, 182.5894

■ 19.8173, 18.9563,
32.8682

162.7762,
163.4261, 225.2899

■ 12.3698, 11.6387,
21.7552

200.5584,
201.9983, 274.1770

■ 7.0700, 6.4982,
13.4806

243.7765,
246.2072, 329.6693

■ 3.5526, 3.1503,
7.6257

292.7960,

■ 1.4523, 1.2107,

296.4370, 392.1853

3.7721

347.9820,
353.0723, 462.1436

■ 0.2930, 0.0704,
1.5011

■ 0.0000, 0.0000,
0.2188

■ 58.6997, 57.8153,
87.4226

■ 58.6997, 57.8153,
87.4226

■ 48.5054, 45.2706,
85.5395

■ 70.5230, 72.4456,
89.6243

■ 39.8634, 34.7097,
83.9565

■ 84.0368, 89.2430,
92.1543

■ 32.6988, 26.0328,
82.6593

■ 92.1405, 98.8362,
93.5788

■ 26.9283, 19.1287,
81.6308

■ 22.4605, 13.8745,
80.8521

■ 19.1927, 10.1315,
80.3019

■ 17.0066, 7.7380,
79.9551

■ 15.7563, 6.4897,
79.7801

■ 15.5076, 6.2454,
79.7460

Harmonies

Analogous

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



54.3148, 57.8153, 90.3455



58.6997, 57.8153, 87.4226



62.2411, 57.8153, 77.6350

Triad

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



58.6997, 57.8153, 87.4226



59.8646, 57.8153, 44.9818



46.9371, 57.8153, 61.1375

Complementary

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



58.6997, 57.8153, 87.4226



73.2398, 81.1337, 64.0273

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.



48.2549, 57.8153, 50.2462



58.6997, 57.8153, 87.4226



55.5936, 57.8153, 41.7429

Square

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



58.6997, 57.8153, 87.4226



62.9384, 57.8153, 53.0251



51.3668, 57.8153, 43.5340



47.6710, 57.8153, 74.0443

Rectangle

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



58.6997, 57.8153, 87.4226



63.5663, 57.8153, 69.1440



51.3668, 57.8153, 43.5340



47.1528, 57.8153, 57.1393

Sweetspot

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



58.7015, 57.8177, 87.4239



87.0200, 90.0213, 107.3971



66.9516, 75.8827, 90.4760



18.3932, 18.9794, 22.9439



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.



58.7015, 57.8177, 87.4239



65.9651, 63.9754, 103.4795



64.1960, 60.6502, 87.6810



14.3709, 14.6209, 18.9869



8.5969, 3.4678, 43.9592



0.7223, 0.2967, 3.4541

Inverse Universe

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



68.8993, 63.1412, 84.9023



80.0728, 71.3417, 99.9119



67.3050, 78.0742, 63.7496



15.6461, 15.2863, 18.6878



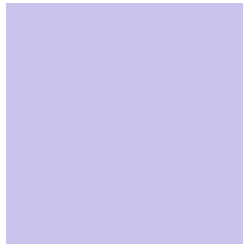
25.6743, 12.4724, 35.6819



2.0349, 0.9869, 2.9009

Previews

White Background



This preview shows how the XYZ color 58.6997, 57.8153, 87.4226 looks on a white background.

Color Contrast Check

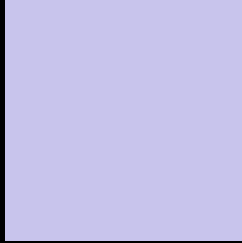
Large Text (above 18pt) WCAG AA × Fail

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 58.6997, 57.8153, 87.4226 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 58.6997, 57.8153, 87.4226

Background



This preview shows how black text looks on a background with the XYZ color 58.6997, 57.8153, 87.4226.



This preview shows how white text looks on a background with the XYZ color 58.6997, 57.8153,

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

58.6997, 57.8153, 87.4226

Protanopia

57.3649, 57.7677, 89.0157

Deuteranopia

59.0125, 57.6429, 87.3728



Tritanopia

55.6850, 57.9506, 72.5407

Trichromacy



Original Color

58.6997, 57.8153, 87.4226

Protanomaly

57.7580, 57.6490, 88.2040

Deuteranomaly

58.7428, 57.5038, 87.3602

Tritanomaly

56.7687, 58.0449, 78.0238

Monochromacy



Original Color

58.6997, 57.8153, 87.4226

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8793, 58.5811, 71.9278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6997, 57.8153, 87.4226 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(200, 196, 236)` looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 236)  
}
```

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(200, 196, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 236) }
```

Border

The CSS property to change the border of an element to XYZ 58.6997, 57.8153, 87.4226 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(200, 196, 236) }
```


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

```
.border{ border-color:rgb(200, 196, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 236);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6997, 57.8153, 87.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 236) }
```

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

```
.background{ background-color: rgb(200,  
196, 236) }
```

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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