

Converting Colors

XYZ(58.3341, 58.3344, 86.0270)

Have a look what the booklet for
XYZ(58.3341, 58.3344, 86.0270)
contains.

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Color

**XYZ(58.3341, 58.3344,
86.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6EA
RGB	198, 198, 234
RGB Percent	78%, 78%, 92%
CMY	0.2235, 0.2235, 0.0823
CMYK	0.15, 0.15, 0.00, 0.08
HSL	240°, 46%, 85%
HSV	240°, 15%, 92%
XYZ	58.3341, 58.3344, 86.0270
YIQ	202.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

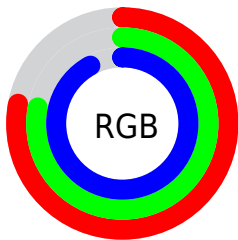
Format	Color
R _Y B	198, 198, 234
Decimal	13027050
CIE Lab	80.92, 7.13, -17.78
CIE LCh	81, 19.160, 291.859
Yxy	58.3344, 0.2878, 0.2878
Android (android.graphics.Color)	4291217130 (0xFFC6C6EA)
YUV	202.1040, 15.7247, -3.5992
Hunter-Lab	76.3770, 2.6725, -13.3173

Details

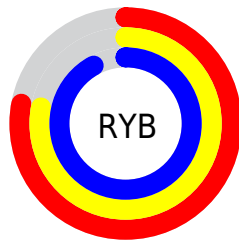
The XYZ color **58.3341, 58.3344, 86.0270** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.5481, 80.4153, 65.0729**, and the grayscale version is **56.1155, 59.0379, 64.2923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5107, 29.0902, 46.1791** is the 20% darker color. If you saturate the color by 10%, you get **47.6948, 45.5151, 84.1143**, and if you desaturate by 10%, it is **70.7561, 73.3021, 88.2623**.

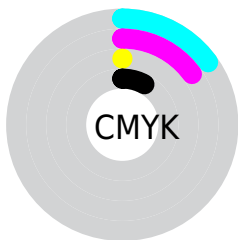
Distribution



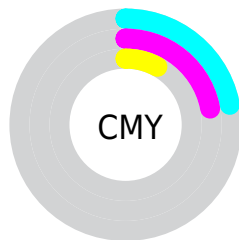
- Red (78%)
- Green (78%)
- Blue (92%)



- Red (78%)
- Yellow (78%)
- Blue (92%)



- Cyan (15%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3341, 58.3344, 86.0270 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 58.3341, 58.3344, 86.0270 by changing the saturation by 10% instead.

■ 58.3341, 58.3344,
86.0270

■ 58.3341, 58.3344,
86.0270

408.3635,
418.4308, 535.2532

■ 42.3216, 42.0775,
64.1353

101.5294,
102.4097, 143.6940

■ 29.5454, 29.1620,
46.3134

129.4429,
130.9969, 180.3064

■ 19.6402, 19.2034,
32.1427

162.0541,
164.4630, 222.6628

■ 12.2405, 11.8174,
21.2048

199.7285,
203.1924, 271.1817

■ 6.9810, 6.6194,
13.0811

242.8312,
247.5695, 326.2816

■ 3.4965, 3.2253,
7.3530

291.7277,

■ 1.4214, 1.2504,

297.9786, 388.3812

3.6021

346.7834,
354.8043, 457.8988

■ 0.2714, 0.1023,
1.4097

■ 0.0000, 0.0000,
0.1493

■ 58.3341, 58.3344,
86.0270

■ 58.3341, 58.3344,
86.0270

■ 47.6948, 45.5151,
84.1143

■ 70.7561, 73.3021,
88.2623

■ 38.7514, 34.7389,
82.5057

■ 85.0315, 90.5028,
90.8300

■ 31.4179, 25.9026,
81.1866

■ 91.8515, 98.7206,
92.0567

■ 25.5987, 18.8908,
80.1399

■ 21.1881, 13.5762,
79.3465

■ 18.0668, 9.8152,
78.7851

■ 16.0959, 7.4403,
78.4306

■ 15.1044, 6.2454,
78.2522

■ 14.8516, 5.9408,
78.2067

Harmonies

Analogous

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



54.3718, 58.3344, 87.6909



58.3341, 58.3344, 86.0270



61.6638, 58.3344, 77.9872

Triad

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



58.3341, 58.3344, 86.0270



60.2911, 58.3344, 47.8364



48.2312, 58.3344, 60.4724

Complementary

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



58.3341, 58.3344, 86.0270



73.5481, 80.4153, 65.0729

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.



49.6592, 58.3344, 50.9562



58.3341, 58.3344, 86.0270



56.5324, 58.3344, 44.2509

Square

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



58.3341, 58.3344, 86.0270



62.8307, 58.3344, 55.7243



52.6531, 58.3344, 45.3208



48.6622, 58.3344, 72.0026

Rectangle

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



58.3341, 58.3344, 86.0270



63.0149, 58.3344, 70.5643



52.6531, 58.3344, 45.3208



48.5072, 58.3344, 56.9538

Sweetspot

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



58.3359, 58.3368, 86.0283



86.5806, 89.7951, 107.3766



67.4779, 76.7586, 88.6511



18.2869, 18.9247, 22.9390



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.



58.3359, 58.3368, 86.0283



67.1983, 66.4410, 103.8904



63.1886, 60.8379, 86.2553



14.2313, 14.5491, 18.9804



8.3457, 3.3384, 43.9475



0.6554, 0.2622, 3.4509

Inverse Universe

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



64.3203, 61.9594, 61.9980



75.5863, 71.5185, 70.2086



68.1136, 77.6144, 64.8187



15.0656, 15.0541, 15.6306



19.0678, 9.8298, 0.8926



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 58.3341, 58.3344, 86.0270 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 58.3341, 58.3344, 86.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

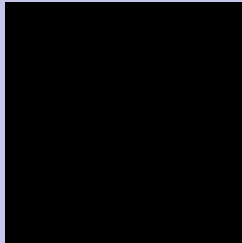
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3341, 58.3344, 86.0270

Background



This preview shows how black text looks on a background with the XYZ color 58.3341, 58.3344, 86.0270.



This preview shows how white text looks on a background with the XYZ color 58.3341, 58.3344,

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

58.3341, 58.3344, 86.0270

Protanopia

57.6670, 58.3143, 86.8137

Deuteranopia

59.4931, 58.2577, 85.9511



Tritanopia

55.9167, 58.3851, 73.9680

Trichromacy



Original Color

58.3341, 58.3344, 86.0270

Protanomaly

57.9245, 58.4471, 86.8257

Deuteranomaly

59.1747, 58.4296, 86.0011

Tritanomaly

56.7385, 58.3720, 78.0885

Monochromacy



Original Color

58.3341, 58.3344, 86.0270

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1116, 59.0458, 72.0052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3341, 58.3344, 86.0270 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, 198, 234)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 234)  
}
```

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, 198, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 234) }
```

Border

The CSS property to change the border of an element to XYZ 58.3341, 58.3344, 86.0270 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, 198, 234) }
```


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

```
.border{ border-color:rgb(198, 198, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 234);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3341, 58.3344, 86.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 234) }
```

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

```
.background{ background-color: rgb(198,  
198, 234) }
```

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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