

Converting Colors

XYZ(58.3925, 56.2728, 86.3528)

Have a look what the booklet for
XYZ(58.3925, 56.2728, 86.3528)
contains.

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Color

**XYZ(58.4736, 56.3939,
86.4005)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC0EB
RGB	203, 192, 235
RGB Percent	80%, 75%, 92%
CMY	0.2039, 0.2470, 0.0784
CMYK	0.14, 0.18, 0.00, 0.08
HSL	255°, 52%, 84%
HSV	255°, 18%, 92%
XYZ	58.4736, 56.3939, 86.4005
YIQ	200.1910, -7.2470, 15.7050

Conversions

Conversions Part 2

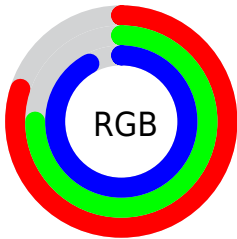
Format	Color
R _Y B	203, 192, 235
Decimal	13353195
CIE Lab	79.84, 12.16, -19.92
CIE LCh	80, 23.340, 301.391
Yxy	56.3939, 0.2905, 0.2802
Android (android.graphics.Color)	4291543275 (0xFFCBC0EB)
YUV	200.1910, 17.1608, 2.4635
Hunter-Lab	75.0959, 7.5717, -15.6482

Details

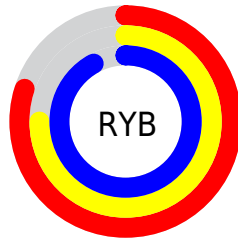
The XYZ color **58.4736, 56.3939, 86.4005** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.9652, 79.0712, 61.4464**, and the grayscale version is **54.9196, 57.7797, 62.9220**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.7637, 28.1095, 46.5048** is the 20% darker color. If you saturate the color by 10%, you get **49.2230, 44.5682, 84.6064**, and if you desaturate by 10%, it is **69.0888, 70.1489, 88.4969**.

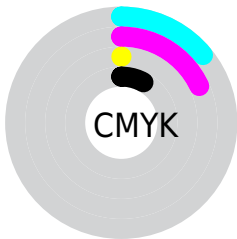
Distribution



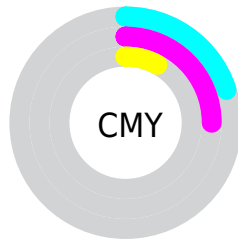
- Red (80%)
- Green (75%)
- Blue (92%)



- Red (80%)
- Yellow (75%)
- Blue (92%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4736, 56.3939, 86.4005 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 58.4736, 56.3939, 86.4005 by changing the saturation by 10% instead.

■ 58.4736, 56.3939,
86.4005

■ 58.4736, 56.3939,
86.4005

408.8738,
411.1743, 536.5159

■ 42.4342, 40.5188,
64.4424

■ 101.7312, 99.5803,
144.2197

■ 29.6341, 27.9433,
46.5606

129.6802,
127.6603, 180.9180

■ 19.7077, 18.2829,
32.3366

162.3298,
160.5776, 223.3666

■ 12.2898, 11.1533,
21.3518

200.0453,
198.7163, 271.9843

■ 7.0149, 6.1700,
13.1876

243.1921,
242.4609, 327.1895

■ 3.5179, 2.9488,
7.4256

292.1355,

■ 1.4332, 1.1050,

292.1959, 389.4008

3.6472

347.2410,
348.3055, 459.0368

■ 0.2797, 0.0000,
1.4339

■ 0.0000, 0.0000,
0.1679

■ 58.4736, 56.3939,
86.4005

■ 58.4736, 56.3939,
86.4005

■ 49.2230, 44.5682,
84.6064

■ 69.0888, 70.1489,
88.4969

■ 41.2751, 34.5777,
83.0969

■ 81.1168, 85.9078,
90.9047

■ 34.5706, 26.3306,
81.8584

■ 91.9956, 98.7782,
92.8156

■ 29.0436, 19.7245,
80.8746

■ 24.6216, 14.6460,
80.1274

■ 21.2237, 10.9666,
79.5963

■ 18.7564, 8.5361,
79.2572

■ 17.0945, 7.1448,
79.0763

■ 16.8656, 6.9623,
79.0531

Harmonies

Analogous

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



53.8215, 56.3939, 91.2614



58.4736, 56.3939, 86.4005



61.9789, 56.3939, 74.7242

Triad

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



58.4736, 56.3939, 86.4005



58.0698, 56.3939, 41.2761



45.0214, 56.3939, 62.0370

Complementary

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



58.4736, 56.3939, 86.4005



69.9652, 79.0712, 61.4464

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.



46.0138, 56.3939, 49.7679



58.4736, 56.3939, 86.4005



53.3805, 56.3939, 38.8916

Square

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



58.4736, 56.3939, 86.4005



61.7363, 56.3939, 48.8232



49.0064, 56.3939, 41.7626



46.2132, 56.3939, 75.9778

Rectangle

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



58.4736, 56.3939, 86.4005



63.0948, 56.3939, 65.3814



49.0064, 56.3939, 41.7626



45.1102, 56.3939, 57.5901

Sweetspot

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



58.4753, 56.3962, 86.4018



87.7114, 90.3777, 107.4295



63.4584, 70.6521, 88.8908



18.5606, 19.0657, 22.9518



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.



58.4753, 56.3962, 86.4018



65.9633, 62.2043, 103.1377



64.6648, 59.5870, 86.6914



14.5923, 14.7351, 18.9973



9.4863, 3.9263, 44.0008



0.8318, 0.3531, 3.4592

Inverse Universe

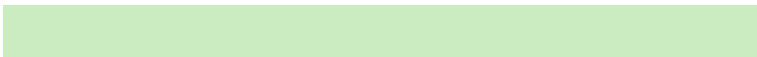
The Inverse Universe completely reimagines the original color for something new.



66.5670, 60.7456, 78.7401



77.4655, 68.3909, 92.0638



63.7851, 75.8853, 61.1572



15.5407, 15.2441, 18.1325



23.4228, 11.5718, 23.8253



1.8778, 0.9241, 2.0738

Previews

White Background



This preview shows how the XYZ color 58.4736, 56.3939, 86.4005 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 58.4736, 56.3939, 86.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

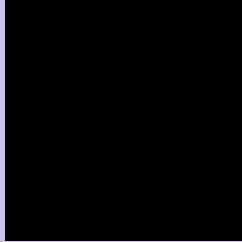
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4736, 56.3939, 86.4005

Background



This preview shows how black text looks on a background with the XYZ color 58.4736, 56.3939, 86.4005.



This preview shows how white text looks on a background with the XYZ color 58.4736, 56.3939,

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

58.4736, 56.3939, 86.4005

Protanopia

56.1588, 56.4717, 88.8292

Deuteranopia

57.6185, 56.2802, 86.4236



Tritanopia

55.1768, 56.3754, 70.2608

Trichromacy



Original Color

58.4736, 56.3939, 86.4005

Protanomaly

57.0493, 56.6140, 88.0415

Deuteranomaly

57.8848, 56.4174, 86.4361

Tritanomaly

56.2528, 56.4769, 75.6464

Monochromacy



Original Color

58.4736, 56.3939, 86.4005

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0639, 57.1541, 71.0278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4736, 56.3939, 86.4005 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(203, 192, 235)` looks like.

```
.text, #text, p{  
    color:rgb(203, 192, 235)  
}
```

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(203, 192, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 192, 235) }
```

Border

The CSS property to change the border of an element to XYZ 58.4736, 56.3939, 86.4005 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(203, 192, 235) }
```


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

```
.border{ border-color:rgb(203, 192, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 192, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 192, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 192, 235);  
box-shadow:4px 4px 4px 4px rgb(203, 192,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4736, 56.3939, 86.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 192, 235) }
```

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

```
.background{ background-color: rgb(203,  
192, 235) }
```

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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