

Converting Colors

XYZ(59.1967, 56.0758, 87.3390)

Have a look what the booklet for
XYZ(59.1967, 56.0758, 87.3390)
contains.

XYZ(59.2859, 56.1484, 87.0699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.2859, 56.1484,
87.0699)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBEEC
RGB	207, 190, 236
RGB Percent	81%, 75%, 93%
CMY	0.1882, 0.2549, 0.0745
CMYK	0.12, 0.19, 0.00, 0.07
HSL	262°, 55%, 84%
HSV	262°, 19%, 93%
XYZ	59.2859, 56.1484, 87.0699
YIQ	200.3270, -4.6340, 17.9100

Conversions

Conversions Part 2

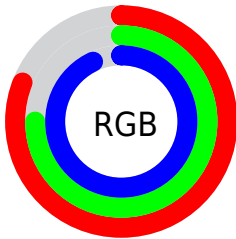
Format	Color
R_{YB}	207, 190, 236
Decimal	13614828
CIE _{Lab}	79.70, 14.72, -20.64
CIE _{LCh}	80, 25.350, 305.490
Yxy	56.1484, 0.2928, 0.2773
Android (android.graphics.Color)	4291804908 (0xFFCFBEEC)
YUV	200.3270, 17.5868, 5.8522
Hunter-Lab	74.9322, 10.0966, -16.4413

Details

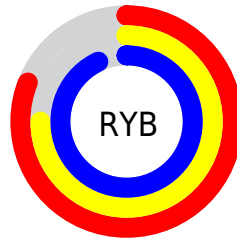
The XYZ color **59.2859, 56.1484, 87.0699** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.5050, 78.7701, 60.3113**, and the grayscale version is **54.9997, 57.8639, 63.0138**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **30.1328, 27.8620, 46.9698** is the 20% darker color. If you saturate the color by 10%, you get **50.6198, 44.6984, 85.3175**, and if you desaturate by 10%, it is **69.1749, 69.4602, 89.1190**.

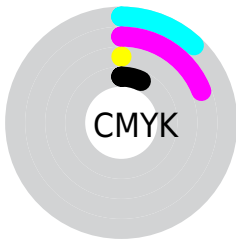
Distribution



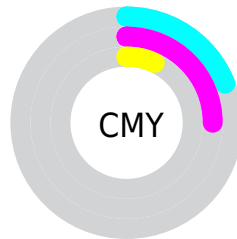
- Red (81%)
- Green (75%)
- Blue (93%)



- Red (81%)
- Yellow (75%)
- Blue (93%)



- Cyan (12%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2859, 56.1484, 87.0699 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 59.2859, 56.1484, 87.0699 by changing the saturation by 10% instead.

■ 59.2859, 56.1484,
87.0699

■ 59.2859, 56.1484,
87.0699

411.8376,
410.2505, 538.7747

■ 43.0906, 40.3219,
64.9931

■ 102.9053, 99.2215,
145.1613

■ 30.1510, 27.7896,
47.0042

131.0601,
127.2369, 182.0130

■ 20.1019, 18.1671,
32.6846

163.9321,
160.0841, 224.6267

■ 12.5778, 11.0701,
21.6158

201.8867,
198.1475, 273.4210

■ 7.2135, 6.1140,
13.3793

245.2892,
241.8114, 328.8144

■ 3.6435, 2.9145,
7.5564

294.5049,

■ 1.5025, 1.0873,

291.4603, 391.2254

3.7288

349.8993,
347.4785, 461.0727

■ 0.3275, 0.0000,
1.4778

■ 0.0000, 0.0000,
0.2013

■ 59.2859, 56.1484,
87.0699

■ 59.2859, 56.1484,
87.0699

■ 50.6198, 44.6984,
85.3175

■ 69.1749, 69.4602,
89.1190

■ 43.1208, 35.0182,
83.8442

■ 80.3289, 84.7064,
91.4739

■ 36.7363, 27.0182,
82.6366

■ 90.9147, 98.2043,
93.5214

■ 31.4074, 20.5980,
81.6782

■ 92.1405, 98.8362,
93.5787

■ 27.0692, 15.6461,
80.9511

■ 23.6485, 12.0359,
80.4345

■ 21.0603, 9.6178,
80.1042

■ 19.1753, 8.1556,
79.9213

■ 19.0908, 8.0927,
79.9136

Harmonies

Analogous

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



54.3142, 56.1484, 93.6944



59.2859, 56.1484, 87.0699



62.8300, 56.1484, 73.5872

Triad

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



59.2859, 56.1484, 87.0699



57.5542, 56.1484, 38.9136



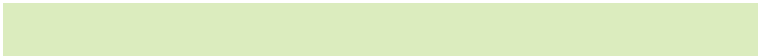
44.1601, 56.1484, 63.8717

Complementary

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



59.2859, 56.1484, 87.0699



68.5050, 78.7701, 60.3113

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.



44.9060, 56.1484, 50.1751



59.2859, 56.1484, 87.0699



52.4316, 56.1484, 37.1574

Square

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



59.2859, 56.1484, 87.0699



61.7863, 56.1484, 46.1923



47.8565, 56.1484, 40.9427



45.7502, 56.1484, 78.9983

Rectangle

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



59.2859, 56.1484, 87.0699



63.7894, 56.1484, 63.3788



47.8565, 56.1484, 40.9427



44.1472, 56.1484, 58.9468

Sweetspot

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



59.2876, 56.1507, 87.0711



86.9017, 88.8399, 107.1753



61.7437, 67.7378, 89.1782



18.4179, 18.7664, 22.9015



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.



59.2876, 56.1507, 87.0711



66.7895, 61.7670, 103.0098



66.1458, 59.6862, 87.3921



14.7569, 14.8200, 19.0050



10.6539, 4.5282, 44.0555



0.9395, 0.4087, 3.4642

Inverse Universe

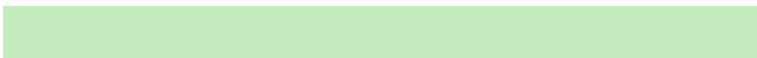
The Inverse Universe completely reimagines the original color for something new.



65.7935, 59.7766, 75.0905



75.8136, 66.7998, 86.2333



62.0912, 75.4637, 60.0111



15.4650, 15.2139, 17.7340



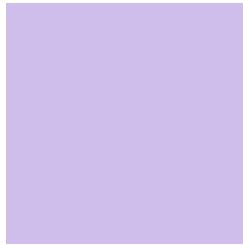
22.1133, 11.0480, 16.9297



1.7826, 0.8860, 1.5724

Previews

White Background



This preview shows how the XYZ color 59.2859, 56.1484, 87.0699 looks on a white background.

Color Contrast Check

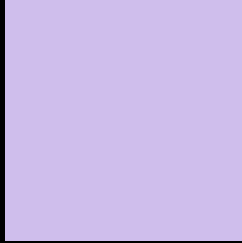
Large Text (above 18pt) WCAG AA × Fail

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 59.2859, 56.1484, 87.0699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

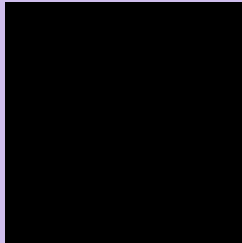
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2859, 56.1484, 87.0699

Background



This preview shows how black text looks on a background with the XYZ color 59.2859, 56.1484, 87.0699.



This preview shows how white text looks on a background with the XYZ color 59.2859, 56.1484,

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

59.2859, 56.1484, 87.0699

Protanopia

56.2071, 56.4625, 90.3740

Deuteranopia

57.3541, 56.1439, 86.4112



Tritanopia

55.7766, 56.3799, 68.9154

Trichromacy



Original Color

59.2859, 56.1484, 87.0699

Protanomaly

57.3775, 56.4177, 89.5269

Deuteranomaly

57.9324, 56.1149, 86.3752

Tritanomaly

56.7580, 56.0918, 74.8532

Monochromacy



Original Color

59.2859, 56.1484, 87.0699

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.3788, 56.9805, 70.9776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2859, 56.1484, 87.0699 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(207, 190, 236)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 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(207, 190, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 236) }
```

Border

The CSS property to change the border of an element to XYZ 59.2859, 56.1484, 87.0699 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(207, 190, 236) }
```


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

```
.border{ border-color:rgb(207, 190, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 236);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2859, 56.1484, 87.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 236) }
```

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

```
.background{ background-color: rgb(207,  
190, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor