

Converting Colors

XYZ(56.6631, 59.3996, 81.8767)

Have a look what the booklet for
XYZ(56.6631, 59.3996, 81.8767)
contains.

XYZ(56.5947, 59.2605, 81.8543)	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(56.5947, 59.2605,
81.8543)**

Conversions

Conversions Part 1

Format	Color
Hex	BECBE4
RGB	190, 203, 228
RGB Percent	75%, 80%, 89%
CMY	0.2549, 0.2039, 0.1059
CMYK	0.17, 0.11, 0.00, 0.11
HSL	219°, 41%, 82%
HSV	219°, 17%, 89%
XYZ	56.5947, 59.2605, 81.8543
YIQ	201.9630, -15.7730, 5.0190

Conversions

Conversions Part 2

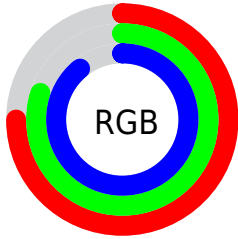
Format	Color
R _Y B	190, 200, 228
Decimal	12504036
CIE Lab	81.43, 0.67, -13.86
CIE LCh	81, 13.880, 272.760
Yxy	59.2605, 0.2863, 0.2997
Android (android.graphics.Color)	4290694116 (0xFFBECBE4)
YUV	201.9630, 12.8362, -10.4916
Hunter-Lab	76.9808, -3.4870, -9.1569

Details

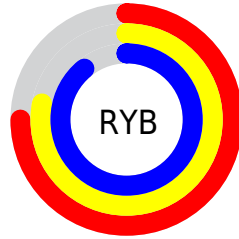
The XYZ color **56.5947, 59.2605, 81.8543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5899, 68.8122, 58.5415**, and the grayscale version is **56.0470, 58.9658, 64.2137**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.4436, 29.7463, 43.7776** is the 20% darker color. If you saturate the color by 10%, you get **47.9673, 49.8081, 80.4855**, and if you desaturate by 10%, it is **66.4591, 69.8624, 83.3817**.

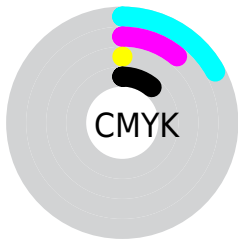
Distribution



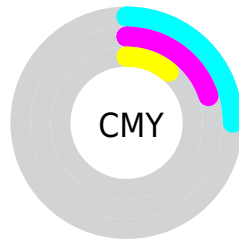
- Red (75%)
- Green (80%)
- Blue (89%)



- Red (75%)
- Yellow (78%)
- Blue (89%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5947, 59.2605, 81.8543 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 56.5947, 59.2605, 81.8543 by changing the saturation by 10% instead.

■ 56.5947, 59.2605,
81.8543

■ 56.5947, 59.2605,
81.8543

401.9676,
421.8666, 521.0308

■ 40.9188, 42.8229,
60.7103

■ 99.0083, 103.7562,
137.8045

■ 28.4430, 29.7462,
43.5624

126.4768,
132.5830, 173.4478

■ 18.8020, 19.6460,
29.9920

158.6068,
166.3083, 214.7614

■ 11.6305, 12.1380,
19.5805

195.7637,
205.3166, 262.1636

■ 6.5630, 6.8377,
11.9094

238.3129,
249.9922, 316.0732

■ 3.2342, 3.3608,
6.5602

286.6197,

■ 1.2788, 1.3229,

300.7194, 376.9085

3.1144

341.0495,
357.8828, 445.0882

■ 0.1673, 0.1588,
1.1533

■ 0.0000, 0.0000,
0.0000

■ 56.5947, 59.2605,
81.8543

■ 56.5947, 59.2605,
81.8543

■ 47.9673, 49.8081,
80.4855

■ 66.4591, 69.8624,
83.3817

■ 40.5207, 41.4572,
79.2661

■ 77.6032, 81.6450,
85.0686

■ 34.2020, 34.1670,
78.1919

■ 88.8111, 93.9962,
86.8619

■ 28.9518, 27.8912,
77.2573

■ 91.0038, 98.3815,
87.5928

■ 24.7052, 22.5797,
76.4559

■ 21.3893, 18.1773,
75.7809

■ 18.9201, 14.6219,
75.2248

■ 17.1935, 11.8397,
74.7788

■ 16.7294, 11.0527,
74.6514

Harmonies

Analogous

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



53.8077, 59.2605, 79.8147



56.5947, 59.2605, 81.8543



59.4016, 59.2605, 78.9304

Triad

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



56.5947, 59.2605, 81.8543



61.1533, 59.2605, 56.2512



51.5046, 59.2605, 57.4775

Complementary

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



56.5947, 59.2605, 81.8543



65.5899, 68.8122, 58.5415

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.



53.3571, 59.2605, 51.9878



56.5947, 59.2605, 81.8543



58.9203, 59.2605, 51.3237

Square

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



56.5947, 59.2605, 81.8543



62.0895, 59.2605, 63.7574



56.0568, 59.2605, 49.8317



50.9294, 59.2605, 65.2979

Rectangle

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



56.5947, 59.2605, 81.8543



60.8892, 59.2605, 74.6951



56.0568, 59.2605, 49.8317



51.9954, 59.2605, 55.3219

Sweetspot

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



56.5965, 59.2629, 81.8556



87.8963, 92.4265, 107.8152



61.2069, 71.3259, 74.6304



18.6055, 19.5619, 23.0452



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.



56.5965, 59.2629, 81.8556



68.9276, 72.0088, 104.8740



55.1051, 54.1251, 80.9425



13.9840, 14.6894, 18.2426



9.7592, 6.5804, 43.1390



0.8051, 0.6540, 3.2158

Inverse Universe

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



61.1892, 57.6340, 64.4022



75.9442, 69.6903, 78.1711



67.2548, 74.7825, 59.6061



14.5795, 14.4490, 15.9861



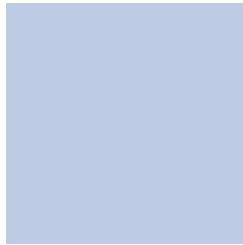
19.3195, 9.8620, 5.3114



1.4700, 0.7457, 0.6155

Previews

White Background



This preview shows how the XYZ color 56.5947, 59.2605, 81.8543 looks on a white background.

Color Contrast Check

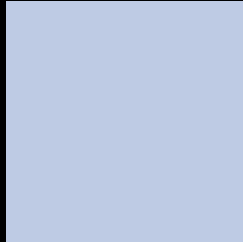
Large Text (above 18pt) WCAG AA × Fail

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 56.5947, 59.2605, 81.8543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

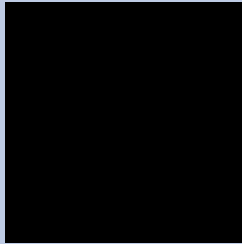
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5947, 59.2605, 81.8543

Background



This preview shows how black text looks on a background with the XYZ color 56.5947, 59.2605, 81.8543.



This preview shows how white text looks on a background with the XYZ color 56.5947, 59.2605,

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

56.5947, 59.2605, 81.8543

Protanopia

57.9028, 59.2700, 80.3400

Deuteranopia

60.4036, 59.1450, 82.3612



Tritanopia

55.4974, 59.1719, 76.2064

Trichromacy



Original Color

56.5947, 59.2605, 81.8543

Protanomaly

57.4913, 59.3892, 81.1062

Deuteranomaly

58.9234, 59.0605, 82.4230

Tritanomaly

55.8984, 59.3323, 78.3181

Monochromacy



Original Color

56.5947, 59.2605, 81.8543

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1671, 58.9500, 70.0462

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5947, 59.2605, 81.8543 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(190, 203, 228) looks like.

```
.text, #text, p{  
    color:rgb(190, 203, 228)  
}
```

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(190, 203, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 203, 228) }
```

Border

The CSS property to change the border of an element to XYZ 56.5947, 59.2605, 81.8543 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(190, 203, 228) }
```


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

```
.border{ border-color:rgb(190, 203, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 203, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 203, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 203, 228);  
box-shadow:4px 4px 4px 4px rgb(190, 203,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5947, 59.2605, 81.8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 203, 228) }
```

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

```
.background{ background-color: rgb(190,  
203, 228) }
```

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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