

Converting Colors

XYZ(58.3153, 56.1853, 92.2911)

Have a look what the booklet for
XYZ(58.3153, 56.1853, 92.2911)
contains.

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Color

**XYZ(58.3160, 56.1761,
92.5635)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C0F3
RGB	198, 192, 243
RGB Percent	78%, 75%, 95%
CMY	0.2235, 0.2470, 0.0471
CMYK	0.19, 0.21, 0.00, 0.05
HSL	247°, 68%, 85%
HSV	247°, 21%, 95%
XYZ	58.3160, 56.1761, 92.5635
YIQ	199.6080, -12.7950, 17.1330

Conversions

Conversions Part 2

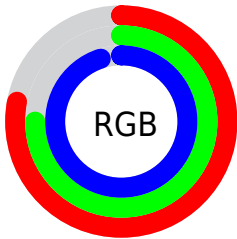
Format	Color
RYB	198, 192, 243
Decimal	13025523
CIELab	79.71, 12.31, -24.44
CIElCh	80, 27.362, 296.729
Yxy	56.1761, 0.2816, 0.2713
Android (android.graphics.Color)	4291215603 (0xFFC6C0F3)
YUV	199.6080, 21.3923, -1.4102
Hunter-Lab	74.9507, 7.7196, -20.7571

Details

The XYZ color **58.3160, 56.1761, 92.5635** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.4919, 85.9129, 62.4229**, and the grayscale version is **54.5386, 57.3789, 62.4856**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.7039, 27.9824, 50.8493** is the 20% darker color. If you saturate the color by 10%, you get **48.1574, 43.6629, 90.6845**, and if you desaturate by 10%, it is **70.1591, 70.8681, 94.7761**.

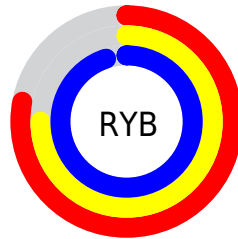
Distribution



Red (78%)

Green (75%)

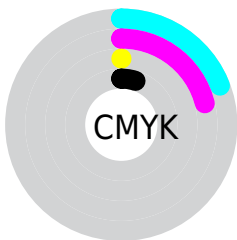
Blue (95%)



Red (78%)

Yellow (75%)

Blue (95%)

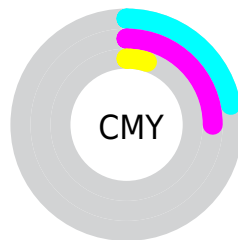


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (22%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3160, 56.1761, 92.5635 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 58.3160, 56.1761, 92.5635 by changing the saturation by 10% instead.

■ 58.3160, 56.1761,
92.5635

■ 58.3160, 56.1761,
92.5635

408.2973,
410.3548, 557.1188

■ 42.3070, 40.3441,
69.5231

■ 101.5032, 99.2620,
152.8606

■ 29.5339, 27.8070,
50.6634

129.4121,
127.2847, 190.9544

■ 19.6314, 18.1802,
35.5660

162.0184,
160.1398, 234.9031

■ 12.2341, 11.0794,
23.8121

199.6873,
198.2117, 285.1253

■ 6.9766, 6.1203,
14.9834

242.7844,
241.8848, 342.0393

■ 3.4937, 2.9184,
8.6613

291.6748,

■ 1.4199, 1.0893,

291.5434, 406.0639

4.4271

346.7240,
347.5719, 477.6176

■ 0.2703, 0.0000,
1.8625

■ 0.0000, 0.0000,
0.4687

■ 58.3160, 56.1761,
92.5635

■ 58.3160, 56.1761,
92.5635

■ 48.1574, 43.6629,
90.6845

■ 70.1591, 70.8681,
94.7761

■ 39.6014, 33.2179,
89.1194

■ 83.7530, 87.8286,
97.3333

■ 32.5671, 24.7313,
87.8521

■ 93.1778, 99.2511,
99.0413

■ 26.9644, 18.0804,
86.8636

■ 22.6936, 13.1284,
86.1329

■ 19.6420, 9.7191,
85.6357

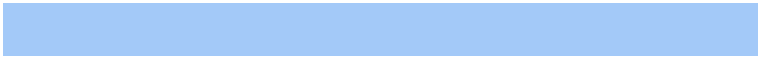
■ 17.6775, 7.6674,
85.3432

■ 16.6728, 6.7263,
85.2145

Harmonies

Analogous

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



52.7899, 56.1761, 96.8482



58.3160, 56.1761, 92.5635



62.7778, 56.1761, 79.4218

Triad

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



58.3160, 56.1761, 92.5635



59.4364, 56.1761, 39.0913



43.4741, 56.1761, 59.4468

Complementary

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



58.3160, 56.1761, 92.5635



76.4919, 85.9129, 62.4229

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.



44.9947, 56.1761, 45.9472



58.3160, 56.1761, 92.5635



54.0021, 56.1761, 35.5411

Square

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



58.3160, 56.1761, 92.5635



63.4554, 56.1761, 48.4766



48.7565, 56.1761, 37.8175



44.4562, 56.1761, 75.8970

Rectangle

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



58.3160, 56.1761, 92.5635



64.4156, 56.1761, 68.4196



48.7565, 56.1761, 37.8175



43.7067, 56.1761, 54.4445

Sweetspot

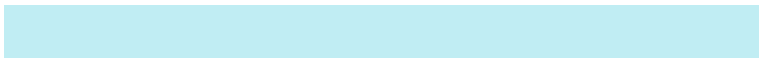
The Sweet Spot groups the original color and five complimentary colors.



58.3178, 56.1784, 92.5648



85.5683, 88.1525, 107.1129



68.2163, 78.2764, 96.3084



18.1036, 18.6044, 22.8868



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.



58.3178, 56.1784, 92.5648



60.2218, 56.6984, 102.3776



65.5994, 59.9322, 92.9055



15.7622, 16.0200, 20.8040



9.2075, 3.7209, 46.7710



0.8667, 0.3567, 4.1134

Inverse Universe

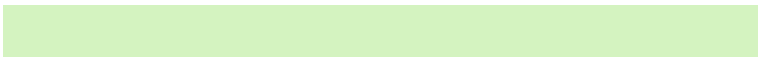
The Inverse Universe completely reimagines the original color for something new.



71.0996, 62.8706, 88.5109



76.7914, 65.3772, 96.9739



68.5885, 81.8385, 62.0531



17.1248, 16.7328, 20.4036



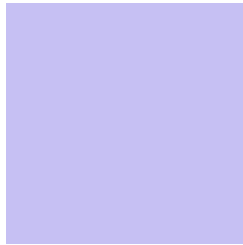
27.0101, 13.1475, 36.3570



2.3972, 1.1648, 3.3180

Previews

White Background



This preview shows how the XYZ color 58.3160, 56.1761, 92.5635 looks on a white background.

Color Contrast Check

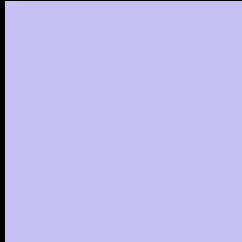
Large Text (above 18pt) WCAG AA × Fail

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 58.3160, 56.1761, 92.5635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

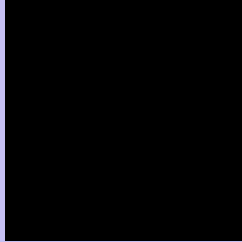
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3160, 56.1761, 92.5635

Background



This preview shows how black text looks on a background with the XYZ color 58.3160, 56.1761, 92.5635.

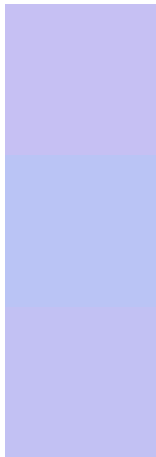


This preview shows how white text looks on a background with the XYZ color 58.3160, 56.1761,

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

58.3160, 56.1761, 92.5635

Protanopia

56.4711, 56.5115, 94.3177

Deuteranopia

57.4958, 56.0803, 92.5883



Tritanopia

53.9688, 56.0741, 70.9297

Trichromacy



Original Color

58.3160, 56.1761, 92.5635

Protanomaly

57.0794, 56.5090, 93.4869

Deuteranomaly

57.7533, 56.2131, 92.6003

Tritanomaly

55.4753, 56.0141, 78.4090

Monochromacy



Original Color

58.3160, 56.1761, 92.5635

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.9141, 57.0325, 73.0271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3160, 56.1761, 92.5635 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, 192, 243)` looks like.

```
.text, #text, p{  
    color:rgb(198, 192, 243)  
}
```

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, 192, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 192, 243) }
```

Border

The CSS property to change the border of an element to XYZ 58.3160, 56.1761, 92.5635 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, 192, 243) }
```


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

```
.border{ border-color:rgb(198, 192, 243) }
```

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

Here you see how a box with a 4 pixel rgb(198, 192, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 192, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 192, 243);  
box-shadow:4px 4px 4px 4px rgb(198, 192,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3160, 56.1761, 92.5635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 192, 243) }
```

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

```
.background{ background-color: rgb(198,  
192, 243) }
```

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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