

Converting Colors

XYZ(58.4067, 56.8436, 92.9010)

Have a look what the booklet for
XYZ(58.4067, 56.8436, 92.9010)
contains.

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Color

**XYZ(58.4954, 56.9250,
92.6986)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C2F3
RGB	197, 194, 243
RGB Percent	77%, 76%, 95%
CMY	0.2274, 0.2392, 0.0471
CMYK	0.19, 0.20, 0.00, 0.05
HSL	244°, 67%, 86%
HSV	244°, 20%, 95%
XYZ	58.4954, 56.9250, 92.6986
YIQ	200.4830, -13.9410, 15.8750

Conversions

Conversions Part 2

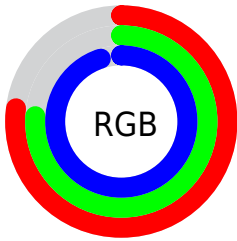
Format	Color
RYB	197, 194, 243
Decimal	12960499
CIELab	80.14, 10.92, -23.80
CIElCh	80, 26.185, 294.640
Yxy	56.9250, 0.2811, 0.2735
Android (android.graphics.Color)	4291150579 (0xFFC5C2F3)
YUV	200.4830, 20.9609, -3.0546
Hunter-Lab	75.4487, 6.3560, -20.0315

Details

The XYZ color **58.4954, 56.9250, 92.6986** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.7253, 86.5230, 63.6456**, and the grayscale version is **55.0799, 57.9483, 63.1057**.

A 20% lighter version of the original color is **93.1087, 96.6620, 108.3580**, and **29.6754, 28.1837, 50.8896** is the 20% darker color. If you saturate the color by 10%, you get **47.9949, 44.1303, 90.7833**, and if you desaturate by 10%, it is **70.7877, 71.9589, 94.9535**.

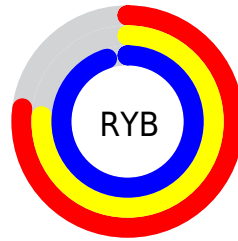
Distribution



Red (77%)

Green (76%)

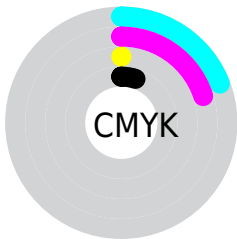
Blue (95%)



Red (77%)

Yellow (76%)

Blue (95%)

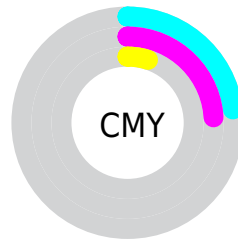


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (24%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4954, 56.9250, 92.6986 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 58.4954, 56.9250, 92.6986 by changing the saturation by 10% instead.

■ 58.4954, 56.9250,
92.6986

■ 58.4954, 56.9250,
92.6986

408.9535,
413.1682, 557.5658

■ 42.4519, 40.9450,
69.6347

■ 101.7628,
100.3557, 153.0494

■ 29.6479, 28.2761,
50.7539

129.7173,
128.5753, 191.1733

■ 19.7182, 18.5339,
35.6374

162.3728,
161.6435, 235.1544

■ 12.2975, 11.3340,
23.8668

200.0948,
199.9448, 285.4112

■ 7.0202, 6.2919,
15.0236

243.2485,
243.8635, 342.3622

■ 3.5212, 3.0234,
8.6891

292.1992,

■ 1.4350, 1.1440,

293.7840, 406.4259

4.4449

347.3125,
350.0908, 478.0209

■ 0.2810, 0.0152,
1.8725

■ 0.0000, 0.0000,
0.4751

■ 58.4954, 56.9250,
92.6986

■ 58.4954, 56.9250,
92.6986

■ 47.9949, 44.1303,
90.7833

■ 70.7877, 71.9589,
94.9535

■ 39.1975, 33.4610,
89.1876

■ 84.9445, 89.3247,
97.5593

■ 32.0148, 24.8041,
87.8953

■ 93.1778, 99.2511,
99.0413

■ 26.3485, 18.0332,
86.8870

■ 22.0896, 13.0074,
86.1414

■ 19.1140, 9.5662,
85.6340

■ 17.2766, 7.5195,
85.3358

■ 16.3727, 6.5716,
85.2005

Harmonies

Analogous

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



53.1531, 56.9250, 96.0687



58.4954, 56.9250, 92.6986



62.9087, 56.9250, 80.5822

Triad

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



58.4954, 56.9250, 92.6986



60.2608, 56.9250, 40.9795



44.5226, 56.9250, 59.2782

Complementary

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



58.4954, 56.9250, 92.6986



77.7253, 86.5230, 63.6456

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.



46.1644, 56.9250, 46.4892



58.4954, 56.9250, 92.6986



55.0692, 56.9250, 37.0944

Square

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



58.4954, 56.9250, 92.6986



63.9740, 56.9250, 50.5237



49.9409, 56.9250, 38.9323



45.3080, 56.9250, 75.0528

Rectangle

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



58.4954, 56.9250, 92.6986



64.6108, 56.9250, 70.0923



49.9409, 56.9250, 38.9323



44.8055, 56.9250, 54.5221

Sweetspot

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



58.4972, 56.9273, 92.6999



85.2734, 88.0005, 107.0991



69.7498, 80.5863, 96.6735



18.0342, 18.5686, 22.8835



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.



58.4972, 56.9273, 92.6999



60.4661, 57.6586, 102.5501



65.2750, 60.4214, 93.0171



15.6750, 15.9751, 20.7999



9.0221, 3.6254, 46.7623



0.8253, 0.3353, 4.1115

Inverse Universe

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



71.9840, 63.9319, 90.9867



77.9402, 66.7358, 100.2514



70.1236, 82.6041, 63.2898



17.1673, 16.7498, 20.6274



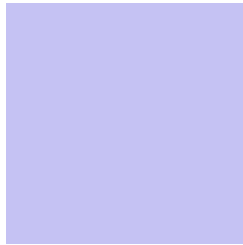
28.0005, 13.5436, 41.5724



2.4740, 1.1956, 3.7225

Previews

White Background



This preview shows how the XYZ color 58.4954, 56.9250, 92.6986 looks on a white background.

Color Contrast Check

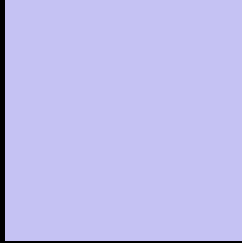
Large Text (above 18pt) WCAG AA × Fail

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 58.4954, 56.9250, 92.6986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

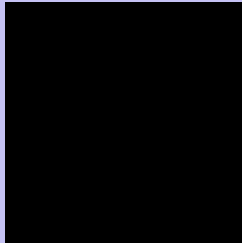
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4954, 56.9250, 92.6986

Background



This preview shows how black text looks on a background with the XYZ color 58.4954, 56.9250, 92.6986.



This preview shows how white text looks on a background with the XYZ color 58.4954, 56.9250,

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

58.4954, 56.9250, 92.6986

Protanopia

56.9412, 57.0899, 94.4045

Deuteranopia

58.2344, 56.7904, 92.6864



Tritanopia

54.4274, 56.9596, 72.4157

Trichromacy



Original Color

58.4954, 56.9250, 92.6986

Protanomaly

57.5549, 57.0879, 93.5735

Deuteranomaly

58.2344, 56.7904, 92.6864

Tritanomaly

55.8050, 56.8381, 79.2638

Monochromacy



Original Color

58.4954, 56.9250, 92.6986

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.1419, 57.4881, 73.1031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4954, 56.9250, 92.6986 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(197, 194, 243)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 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(197, 194, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 243) }
```

Border

The CSS property to change the border of an element to XYZ 58.4954, 56.9250, 92.6986 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(197, 194, 243) }
```


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

```
.border{ border-color:rgb(197, 194, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 194, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 243);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4954, 56.9250, 92.6986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 243) }
```

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

```
.background{ background-color: rgb(197,  
194, 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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