

Converting Colors

XYZ(57.3553, 72.4593, 31.3854)

Have a look what the booklet for
XYZ(57.3553, 72.4593, 31.3854)
contains.

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Color

**XYZ(57.3923, 72.3929,
31.3704)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE980
RGB	202, 233, 128
RGB Percent	79%, 91%, 50%
CMY	0.2078, 0.0863, 0.4980
CMYK	0.13, 0.00, 0.45, 0.09
HSL	78°, 70%, 71%
HSV	78°, 45%, 91%
XYZ	57.3923, 72.3929, 31.3704
YIQ	211.7610, 15.2290, -39.2270

Conversions

Conversions Part 2

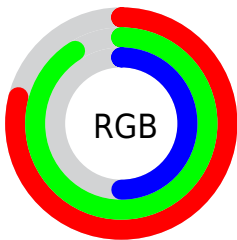
Format	Color
R_{YB}	128, 233, 159
Decimal	13298048
CIE _{Lab}	88.16, -26.34, 47.49
CIE _{LCh}	88, 54.305, 119.018
Yxy	72.3929, 0.3561, 0.4492
Android (android.graphics.Color)	4291488128 (0xFFCAE980)
YUV	211.7610, -41.2942, -8.5604
Hunter-Lab	85.0840, -28.4922, 37.6986

Details

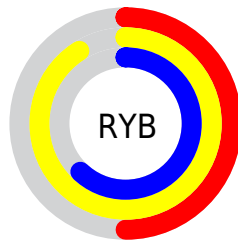
The XYZ color **57.3923, 72.3929, 31.3704** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **36.7281, 28.6944, 80.6978**, and the grayscale version is **62.6806, 65.9449, 71.8140**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **28.8807, 38.0771, 12.6649** is the 20% darker color. If you saturate the color by 10%, you get **54.2116, 70.9128, 24.1148**, and if you desaturate by 10%, it is **61.0117, 74.0631, 40.4875**.

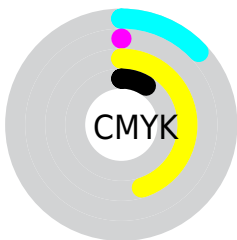
Distribution



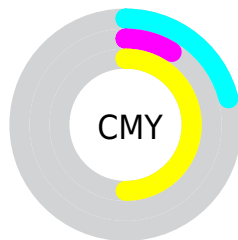
- Red (79%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)





- Cyan (21%)
- Magenta (9%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3923, 72.3929, 31.3704 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 57.3923, 72.3929, 31.3704 by changing the saturation by 10% instead.


 57.3923, 72.3929,
31.3704

 57.3923, 72.3929,
31.3704


404.9081,
468.9080, 322.6450


 41.5617, 53.4797,
20.6202


 100.1654,
122.6150, 62.9092

 28.9478, 38.1858,
12.6582


 127.8386,
154.6926, 84.5348

 19.1854, 26.1270,
7.0656


 160.1901,
191.9272, 110.6228

 11.9091, 16.9186,
3.4241

197.5851,
234.7031, 141.5915

 6.7536, 10.1765,
1.3151

240.3891,
283.4048, 177.8595

 3.3534, 5.5161,
0.0741

288.9673,

 1.3433, 2.5532,

338.4165, 219.8454

0.0000

343.6852,
400.1228, 267.9677

■ 0.2153, 0.9032,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3923, 72.3929,
31.3704

■ 57.3923, 72.3929,
31.3704

■ 54.2116, 70.9128,
24.1148

■ 61.0117, 74.0631,
40.4875

■ 51.4389, 69.6029,
18.5874


■ 65.0877, 75.9231,
51.5780


■ 49.0472, 68.4547,
14.6445


■ 69.6434, 77.9848,
64.7504


■ 47.0033, 67.4549,
12.1174


■ 74.6986, 80.2563,
80.1040

 45.2669, 66.5871,
10.7988

 80.2720, 82.7451,
97.7317

 44.4922, 66.1951,
10.4319

 84.2499, 84.6058,
106.4979

 86.6729, 85.8549,
106.6112

 88.4305, 86.7610,
106.6935

Harmonies

Analogous

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



69.2361, 72.3929, 26.7651



57.3923, 72.3929, 31.3704



49.5443, 72.3929, 47.4463

Triad

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



57.3923, 72.3929, 31.3704



56.7380, 72.3929, 157.3960



96.9129, 72.3929, 80.0555

Complementary

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



57.3923, 72.3929, 31.3704



36.7281, 28.6944, 80.6978

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.



92.5099, 72.3929, 121.6607



57.3923, 72.3929, 31.3704



68.3802, 72.3929, 174.1163

Square

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



57.3923, 72.3929, 31.3704



49.2013, 72.3929, 118.8476



81.6436, 72.3929, 159.3474



93.0322, 72.3929, 48.9758

Rectangle

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



57.3923, 72.3929, 31.3704



47.0915, 72.3929, 65.9709



81.6436, 72.3929, 159.3474



96.3441, 72.3929, 93.2457

Sweetspot

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



57.3941, 72.3961, 31.3719



86.0532, 95.9655, 81.2128



49.6874, 43.2529, 26.1529



18.1457, 20.4173, 16.5726



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.



57.3941, 72.3961, 31.3719



66.8193, 87.1587, 30.2238



45.7538, 66.3953, 30.8272



15.8937, 17.3907, 16.0378



25.3744, 37.6255, 5.9251



2.0880, 3.0037, 0.4697

Inverse Universe

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



36.7281, 28.6944, 80.6978



38.5391, 27.2777, 97.8416



49.0793, 35.0617, 81.2758



14.6492, 14.7644, 19.0000



9.8382, 4.1077, 44.0173



0.8658, 0.3706, 3.4608

Previews

White Background



This preview shows how the XYZ color 57.3923, 72.3929, 31.3704 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 57.3923, 72.3929, 31.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

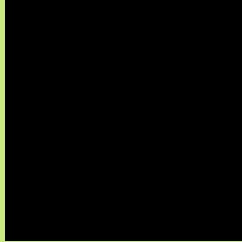
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3923, 72.3929, 31.3704

Background



This preview shows how black text looks on a background with the XYZ color 57.3923, 72.3929, 31.3704.



This preview shows how white text looks on a background with the XYZ color 57.3923, 72.3929,

31.3704.

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

57.3923, 72.3929, 31.3704

Protanopia

66.1125, 72.0454, 29.4904

Deuteranopia

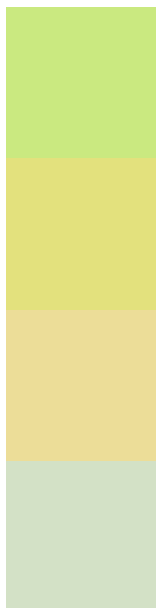
72.0781, 72.0697, 45.7092



Tritanopia

69.3447, 71.9584, 91.1234

Trichromacy



Original Color

57.3923, 72.3929, 31.3704

Protanomaly

62.3054, 71.6620, 29.9503

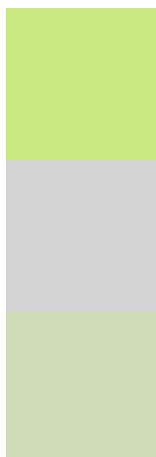
Deuteranomaly

66.1160, 71.8128, 40.0823

Tritanomaly

63.9822, 71.7765, 63.9081

Monochromacy



Original Color

57.3923, 72.3929, 31.3704

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

59.9461, 67.9325, 53.6688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3923, 72.3929, 31.3704 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(202, 233, 128)` looks like.

```
.text, #text, p{  
    color:rgb(202, 233, 128)  
}
```

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(202, 233, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 233, 128) }
```

Border

The CSS property to change the border of an element to XYZ 57.3923, 72.3929, 31.3704 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(202, 233, 128) }
```


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

```
.border{ border-color:rgb(202, 233, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 233, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 233, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 233, 128);  
box-shadow:4px 4px 4px 4px rgb(202, 233,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3923, 72.3929, 31.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 233, 128) }
```

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

```
.background{ background-color: rgb(202,  
233, 128) }
```

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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