

Converting Colors

XYZ(51.7951, 57.9908, 27.2023)

Have a look what the booklet for
XYZ(51.7951, 57.9908, 27.2023)
contains.

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Color

**XYZ(51.7951, 57.9908,
27.2023)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CB7B
RGB	211, 203, 123
RGB Percent	83%, 80%, 48%
CMY	0.1725, 0.2039, 0.5176
CMYK	0.00, 0.04, 0.42, 0.17
HSL	55°, 50%, 65%
HSV	55°, 42%, 83%
XYZ	51.7951, 57.9908, 27.2023
YIQ	196.2720, 30.4480, -23.1840

Conversions

Conversions Part 2

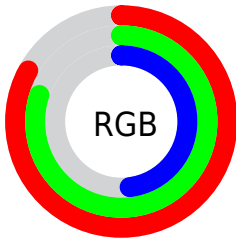
Format	Color
RYB	132, 211, 123
Decimal	13880187
CIELab	80.73, -8.55, 40.82
CIELCh	81, 41.705, 101.836
Yxy	57.9908, 0.3781, 0.4233
Android (android.graphics.Color)	4292070267 (0xFFD3CB7B)
YUV	196.2720, -36.1231, 12.9165
Hunter-Lab	76.1517, -11.8574, 32.1271

Details

The XYZ color **51.7951, 57.9908, 27.2023** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.0425, 25.1460, 65.0038**, and the grayscale version is **52.8312, 55.5826, 60.5294**.

A 20% lighter version of the original color is **84.9358, 95.9543, 55.6394**, and **25.4347, 28.9313, 10.3746** is the 20% darker color. If you saturate the color by 10%, you get **50.1647, 56.6208, 20.8299**, and if you desaturate by 10%, it is **53.7186, 59.4912, 35.0782**.

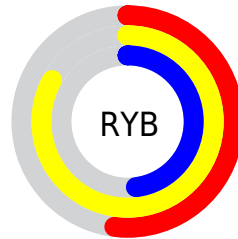
Distribution



Red (83%)

Green (80%)

Blue (48%)



Red (52%)

Yellow (83%)

Blue (48%)

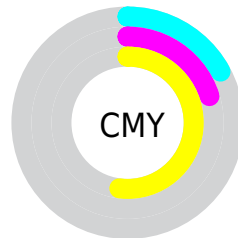


Cyan (0%)

Magenta (4%)

Yellow (42%)

Black (17%)



Cyan (17%)

Magenta (20%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7951, 57.9908, 27.2023 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 51.7951, 57.9908, 27.2023 by changing the saturation by 10% instead.

■ 51.7951, 57.9908,
27.2023

■ 51.7951, 57.9908,
27.2023

383.9820,
417.1517, 302.4264

■ 37.0654, 41.8013,
17.4914

■ 92.0050, 101.9095,
56.2160

■ 25.4320, 28.9457,
10.4198

■ 118.2159,
130.4074, 76.3559

■ 16.5297, 19.0397,
5.5690

■ 148.9846,
163.7768, 100.8093

■ 9.9929, 11.6990,
2.5203

184.6764,
202.4023, 129.9946

■ 5.4565, 6.5391,
0.8509

225.6567,
246.6681, 164.3304

■ 2.5550, 3.1756,
0.0000

272.2908,

■ 0.9231, 1.2241,

296.9587, 204.2353

0.0000

324.9441,
353.6584, 250.1278

0.0000, 0.0812,
0.0000

0.0000, 0.0000,
0.0000

51.7951, 57.9908,
27.2023

51.7951, 57.9908,
27.2023

50.1647, 56.6208,
20.8299

53.7186, 59.4912,
35.0782

48.8047, 55.3658,
15.8601


55.9479, 61.1207,
44.5426

47.6959, 54.2202,
12.1855


58.4998, 62.8884,
55.6784


46.8145, 53.1744,
9.6814

61.3889, 64.8000,
68.5618


 46.1322, 52.2171,
8.1986


 64.6288, 66.8609,
83.2640

 45.6765, 51.4738,
7.5280

 68.2322, 69.0764,
99.8527

 69.5787, 70.3983,
104.5288

 70.0740, 71.3888,
104.6939

 70.5750, 72.3909,
104.8609

Harmonies

Analogous

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



60.4368, 57.9908, 27.9815



51.7951, 57.9908, 27.2023



44.8062, 57.9908, 34.0174

Triad

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



51.7951, 57.9908, 27.2023



43.6913, 57.9908, 100.2993



72.3747, 57.9908, 79.0890

Complementary

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



51.7951, 57.9908, 27.2023



28.0425, 25.1460, 65.0038

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.



66.9028, 57.9908, 105.4169



51.7951, 57.9908, 27.2023



50.1218, 57.9908, 119.6901

Square

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



51.7951, 57.9908, 27.2023



40.4638, 57.9908, 73.3650



58.5811, 57.9908, 121.7747



72.9427, 57.9908, 53.9160

Rectangle

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



51.7951, 57.9908, 27.2023



41.7853, 57.9908, 43.3199



58.5811, 57.9908, 121.7747



71.0233, 57.9908, 88.2417

Sweetspot

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



51.7965, 57.9935, 27.2035



89.2114, 96.1393, 82.8567



38.0986, 29.6759, 25.4788



18.9019, 20.4457, 16.8877



0.0000, 0.0000, 0.0000



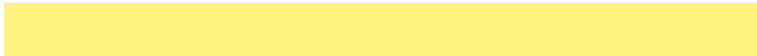
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.7965, 57.9935, 27.2035



77.2788, 87.1561, 32.9997



44.7291, 57.2256, 27.4278



12.7078, 13.6063, 12.5685



27.6052, 31.1434, 4.5563



1.5710, 1.7963, 0.2639

Inverse Universe

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



28.0425, 25.1460, 65.0038



36.1218, 30.2600, 98.5447



32.9813, 26.1592, 64.9390



11.2488, 11.5879, 14.8875



7.2708, 3.1883, 37.4247



0.4370, 0.2392, 2.1027

Previews

White Background



This preview shows how the XYZ color 51.7951, 57.9908, 27.2023 looks on a white background.

Color Contrast Check

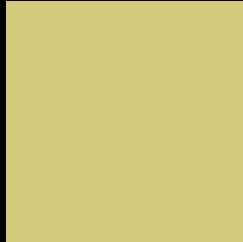
Large Text (above 18pt) WCAG AA × Fail

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 51.7951, 57.9908, 27.2023 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 51.7951, 57.9908, 27.2023

Background



This preview shows how black text looks on a background with the XYZ color 51.7951, 57.9908, 27.2023.



This preview shows how white text looks on a background with the XYZ color 51.7951, 57.9908,

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

51.7951, 57.9908, 27.2023

Protanopia

53.3805, 57.7738, 26.7503

Deuteranopia

59.0146, 57.6452, 27.7549



Tritanopia

59.9703, 57.9096, 67.6914

Trichromacy



Original Color

51.7951, 57.9908, 27.2023

Protanomaly

52.7184, 57.7774, 26.7859

Deuteranomaly

56.1718, 57.4998, 27.5400

Tritanomaly

56.5173, 57.8585, 49.7840

Monochromacy



Original Color

51.7951, 57.9908, 27.2023

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.6722, 56.1289, 45.6467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7951, 57.9908, 27.2023 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(211, 203, 123)` looks like.

```
.text, #text, p{  
    color:rgb(211, 203, 123)  
}
```

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(211, 203, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 203, 123) }
```

Border

The CSS property to change the border of an element to XYZ 51.7951, 57.9908, 27.2023 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(211, 203, 123) }
```


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

```
.border{ border-color:rgb(211, 203, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 203, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 203, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 203, 123);  
box-shadow:4px 4px 4px 4px rgb(211, 203,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7951, 57.9908, 27.2023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 203, 123) }
```

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

```
.background{ background-color: rgb(211,  
203, 123) }
```

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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