

Converting Colors

XYZ(54.7975, 51.5822, 20.7039)

Have a look what the booklet for
XYZ(54.7975, 51.5822, 20.7039)
contains.

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Color

**XYZ(54.7975, 51.5822,
20.7039)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B26A
RGB	241, 178, 106
RGB Percent	95%, 70%, 42%
CMY	0.0549, 0.3019, 0.5843
CMYK	0.00, 0.26, 0.56, 0.05
HSL	32°, 83%, 68%
HSV	32°, 56%, 95%
XYZ	54.7975, 51.5822, 20.7039
YIQ	188.6290, 60.6600, -9.0360

Conversions

Conversions Part 2

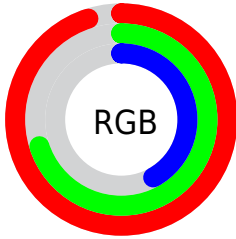
Format	Color
R_{YB}	224, 241, 106
Decimal	15839850
CIE _{Lab}	77.03, 15.15, 45.39
CIE _{LCh}	77, 47.851, 71.540
Yxy	51.5822, 0.4312, 0.4059
Android (android.graphics.Color)	4294029930 (0xFFFF1B26A)
YUV	188.6290, -40.7361, 45.9294
Hunter-Lab	71.8207, 10.5049, 33.1829

Details

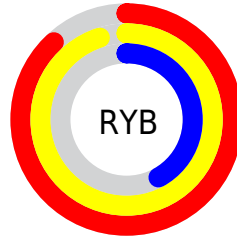
The XYZ color **54.7975, 51.5822, 20.7039** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.0082, 37.7892, 88.6147**, and the grayscale version is **48.3600, 50.8785, 55.4067**.

A 20% lighter version of the original color is **76.9208, 82.6088, 44.6918**, and **27.3388, 24.8978, 7.1062** is the 20% darker color. If you saturate the color by 10%, you get **51.5696, 46.8583, 14.2897**, and if you desaturate by 10%, it is **58.5634, 56.8189, 29.0356**.

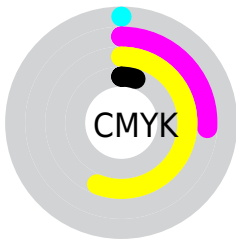
Distribution



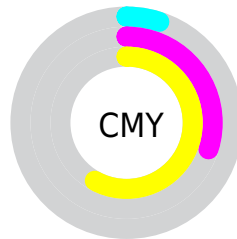
- Red (95%)
- Green (70%)
- Blue (42%)



- Red (88%)
- Yellow (95%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (56%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7975, 51.5822, 20.7039 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 54.7975, 51.5822, 20.7039 by changing the saturation by 10% instead.


 54.7975, 51.5822,
20.7039


 54.7975, 51.5822,
20.7039


395.2928,
392.8215, 268.4298


 39.4728, 36.6722,
12.7186

 96.3943, 92.5148,
45.4686


 27.3101, 24.9538,
7.1066


 123.3970,
119.3061, 63.0851

 17.9441, 16.0426,
3.4494


 155.0232,
150.8267, 84.7490

 11.0093, 9.5543,
1.3284

 191.6382,
187.4608, 110.8790

 6.1404, 5.1045,
0.0849

233.6073,
229.5930, 141.8935

 2.9721, 2.3087,
0.0000

281.2958,

 1.1390, 0.7783,

277.6076, 178.2111

0.0000

335.0692,
331.8890, 220.2504

■ 0.0574, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7975, 51.5822,
20.7039

■ 54.7975, 51.5822,
20.7039

■ 51.5696, 46.8583,
14.2897

■ 58.5634, 56.8189,
29.0356

■ 48.8414, 42.6188,
9.6287

■ 62.8947, 62.5800,
39.4244

■ 46.5740, 38.8428,
6.5337

■ 67.8210, 68.8859,
52.0004

■ 44.7189, 35.5034,
4.7716

■ 73.3684, 75.7534,
66.8819

44.0657, 34.2812,
4.2944

79.5614, 83.1985,
84.1786

86.4231, 91.2362,
103.9934

90.0854, 97.4406,
108.6677

Harmonies

Analogous

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



63.3729, 51.5822, 28.9900



54.7975, 51.5822, 20.7039



45.5992, 51.5822, 19.9071

Triad

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



54.7975, 51.5822, 20.7039



33.7628, 51.5822, 66.8325



61.6120, 51.5822, 102.8150

Complementary

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



54.7975, 51.5822, 20.7039



36.0082, 37.7892, 88.6147

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.



52.6231, 51.5822, 121.2133



54.7975, 51.5822, 20.7039



37.0286, 51.5822, 96.5280

Square

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



54.7975, 51.5822, 20.7039



34.1922, 51.5822, 41.7041



43.6772, 51.5822, 118.6098



67.6315, 51.5822, 73.6314

Rectangle

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



54.7975, 51.5822, 20.7039



40.4073, 51.5822, 23.2929



43.6772, 51.5822, 118.6098



58.7936, 51.5822, 110.8210

Sweetspot

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



54.7987, 51.5847, 20.7049



82.7226, 85.2820, 74.1572



48.5912, 31.8738, 41.1277



17.4248, 17.9088, 15.1087



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.



54.7987, 51.5847, 20.7049



58.2302, 52.6706, 15.5157



68.8148, 81.8693, 25.8117



16.4709, 17.1550, 16.5929



24.0324, 18.8629, 2.3743



2.0988, 1.7683, 0.2307

Inverse Universe

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



36.0082, 37.7892, 88.6147



34.9722, 35.6170, 99.6393



27.5244, 20.0066, 85.6295



15.5053, 16.4447, 20.0785



11.9115, 10.0472, 46.4394



1.0896, 1.0332, 3.8962

Previews

White Background



This preview shows how the XYZ color 54.7975, 51.5822, 20.7039 looks on a white background.

Color Contrast Check

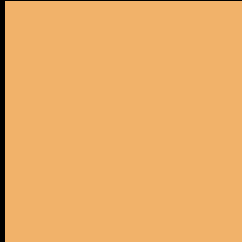
Large Text (above 18pt) WCAG AA × Fail

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 54.7975, 51.5822, 20.7039 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 54.7975, 51.5822, 20.7039

Background



This preview shows how black text looks on a background with the XYZ color 54.7975, 51.5822, 20.7039.



This preview shows how white text looks on a background with the XYZ color 54.7975, 51.5822,

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

54.7975, 51.5822, 20.7039

Protanopia

47.7945, 51.9646, 22.5501

Deuteranopia

52.8820, 51.7995, 20.5757



Tritanopia

60.9892, 51.5275, 50.9873

Trichromacy



Original Color

54.7975, 51.5822, 20.7039

Protanomaly

50.1380, 51.5941, 21.7841

Deuteranomaly

53.6657, 51.9005, 20.5539

Tritanomaly

58.2414, 51.2506, 37.3946

Monochromacy



Original Color

54.7975, 51.5822, 20.7039

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.6194, 50.6110, 39.9546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7975, 51.5822, 20.7039 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(241, 178, 106)` looks like.

```
.text, #text, p{  
    color:rgb(241, 178, 106)  
}
```

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(241, 178, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 178, 106) }
```

Border

The CSS property to change the border of an element to XYZ 54.7975, 51.5822, 20.7039 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(241, 178, 106) }
```


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

```
.border{ border-color:rgb(241, 178, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 178, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 178, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 178, 106);  
box-shadow:4px 4px 4px 4px rgb(241, 178,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7975, 51.5822, 20.7039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 178, 106) }
```

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

```
.background{ background-color: rgb(241,  
178, 106) }
```

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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