

Converting Colors

XYZ(51.0920, 48.8644, 30.4058)

Have a look what the booklet for
XYZ(51.0920, 48.8644, 30.4058)
contains.

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Color

**XYZ(51.0920, 48.8644,
30.4058)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B089
RGB	225, 176, 137
RGB Percent	88%, 69%, 54%
CMY	0.1176, 0.3098, 0.4627
CMYK	0.00, 0.22, 0.39, 0.12
HSL	27°, 59%, 71%
HSV	27°, 39%, 88%
XYZ	51.0920, 48.8644, 30.4058
YIQ	186.2050, 41.7230, -1.7410

Conversions

Conversions Part 2

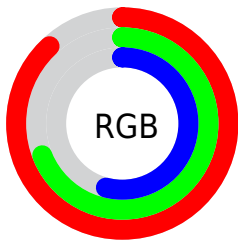
Format	Color
R_{YB}	225, 207, 137
Decimal	14790793
CIE Lab	75.37, 12.72, 26.80
CIE LCh	75, 29.669, 64.609
Yxy	48.8644, 0.3919, 0.3748
Android (android.graphics.Color)	4292980873 (0xFFE1B089)
YUV	186.2050, -24.2581, 34.0232
Hunter-Lab	69.9031, 8.1349, 23.1427

Details

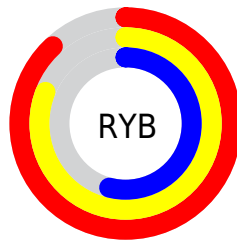
The XYZ color **51.0920, 48.8644, 30.4058** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.4653, 45.8705, 77.9024**, and the grayscale version is **46.9035, 49.3461, 53.7379**.

A 20% lighter version of the original color is **79.5006, 82.7348, 61.0695**, and **24.9517, 23.1789, 12.1757** is the 20% darker color. If you saturate the color by 10%, you get **47.2996, 43.5987, 21.9921**, and if you desaturate by 10%, it is **55.4502, 54.7228, 40.6695**.

Distribution



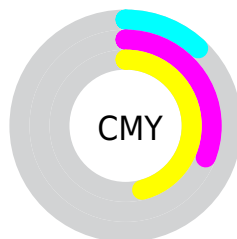
- Red (88%)
- Green (69%)
- Blue (54%)



- Red (88%)
- Yellow (81%)
- Blue (54%)



- Cyan (0%)
- Magenta (22%)
- Yellow (39%)
- Black (12%)





- Cyan (12%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0920, 48.8644, 30.4058 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 51.0920, 48.8644, 30.4058 by changing the saturation by 10% instead.


 51.0920, 48.8644,
30.4058


 51.0920, 48.8644,
30.4058


381.3029,
382.2082, 318.0574


 36.5032, 34.5119,
19.8921


 90.9729, 88.4900,
61.3719

 24.9950, 23.2872,
12.1334

 116.9957,
114.5320, 82.6614

 16.2020, 14.8057,
6.7109

 147.5606,
145.2392, 108.3800

 9.7590, 8.6831,
3.2063

183.0328,
180.9961, 138.9462

 5.3005, 4.5351,
1.2009

223.7778,
222.1870, 174.7785

 2.4612, 1.9772,
0.0000

270.1609,

 0.8757, 0.5941,

269.1964, 216.2954

0.0000

322.5475,
322.4087, 263.9155

0.0000, 0.0000,
0.0000

51.0920, 48.8644,
30.4058

51.0920, 48.8644,
30.4058

47.2996, 43.5987,
21.9921

55.4502, 54.7228,
40.6695

44.0420, 38.8980,
15.3124

60.3956, 61.1863,
52.8837

41.2906, 34.7425,
10.2419

65.9528, 68.2757,
67.1450

39.0122, 31.1083,
6.6378

72.1440, 76.0085,
83.5428

37.1680, 27.9687,
4.3313

78.9900, 84.4015,
102.1610

■ 35.7007, 25.2889,
3.0571

■ 83.6510, 92.3271,
108.0198

■ 35.5825, 25.0700,
2.9636

■ 84.8613, 94.7475,
108.4232

Harmonies

Analogous

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



55.6302, 48.8644, 37.8920



51.0920, 48.8644, 30.4058



45.6057, 48.8644, 28.5137

Triad

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



51.0920, 48.8644, 30.4058



36.7474, 48.8644, 55.6575



52.6648, 48.8644, 81.9808

Complementary

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



51.0920, 48.8644, 30.4058



41.4653, 45.8705, 77.9024

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.



47.2928, 48.8644, 89.1469



51.0920, 48.8644, 30.4058



38.3295, 48.8644, 72.1710

Square

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



51.0920, 48.8644, 30.4058



37.5921, 48.8644, 41.3278



42.0871, 48.8644, 85.2459



56.5870, 48.8644, 67.1643

Rectangle

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



51.0920, 48.8644, 30.4058



42.2087, 48.8644, 30.2866



42.0871, 48.8644, 85.2459



50.9538, 48.8644, 85.4835

Sweetspot

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



51.0932, 48.8667, 30.4068



85.3127, 87.7912, 83.2547



48.9526, 37.4814, 51.5937



18.0495, 18.5226, 17.2760



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.



51.0932, 48.8667, 30.4068



63.6652, 59.0965, 31.0283



60.9330, 68.5463, 33.6867



14.2048, 14.6955, 14.3946



20.6168, 14.6714, 1.7452



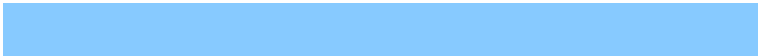
1.5172, 1.1933, 0.1504

Inverse Universe

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



41.4653, 45.8705, 77.9024



49.1576, 54.5669, 102.5493



33.7100, 30.3600, 75.3174



13.5817, 14.5026, 17.4711



12.1956, 11.8608, 42.6949



0.9342, 0.9999, 2.9890

Previews

White Background



This preview shows how the XYZ color 51.0920, 48.8644, 30.4058 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 51.0920, 48.8644, 30.4058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

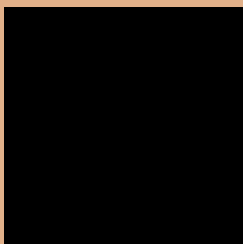
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0920, 48.8644, 30.4058

Background



This preview shows how black text looks on a background with the XYZ color 51.0920, 48.8644, 30.4058.



This preview shows how white text looks on a background with the XYZ color 51.0920, 48.8644,

30.4058.

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

51.0920, 48.8644, 30.4058

Protanopia

45.9198, 49.1830, 32.2723

Deuteranopia

49.9510, 48.8626, 30.4656



Tritanopia

55.5551, 48.9913, 51.3279

Trichromacy



Original Color

51.0920, 48.8644, 30.4058

Protanomaly

47.4740, 48.7592, 31.7203

Deuteranomaly

50.3617, 48.7800, 30.4280

Tritanomaly

53.6304, 48.7522, 42.6599

Monochromacy



Original Color

51.0920, 48.8644, 30.4058

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.6152, 48.5624, 43.9097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0920, 48.8644, 30.4058 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(225, 176, 137)` looks like.

```
.text, #text, p{  
    color:rgb(225, 176, 137)  
}
```

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(225, 176, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 176, 137) }
```

Border

The CSS property to change the border of an element to XYZ 51.0920, 48.8644, 30.4058 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(225, 176, 137) }
```


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

```
.border{ border-color:rgb(225, 176, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 176, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 176, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 176, 137);  
box-shadow:4px 4px 4px 4px rgb(225, 176,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0920, 48.8644, 30.4058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 176, 137) }
```

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

```
.background{ background-color: rgb(225,  
176, 137) }
```

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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