

Converting Colors

XYZ(52.5916, 49.8928, 24.5645)

Have a look what the booklet for
XYZ(52.5916, 49.8928, 24.5645)
contains.

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Color

**XYZ(52.5198, 49.7304,
24.6001)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B078
RGB	233, 176, 120
RGB Percent	91%, 69%, 47%
CMY	0.0863, 0.3098, 0.5294
CMYK	0.00, 0.24, 0.48, 0.09
HSL	30°, 72%, 69%
HSV	30°, 48%, 91%
XYZ	52.5198, 49.7304, 24.6001
YIQ	186.6590, 51.9480, -5.3320

Conversions

Conversions Part 2

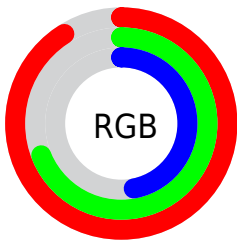
Format	Color
RYB	233, 231, 120
Decimal	15315064
CIELab	75.90, 14.16, 36.64
CIELCh	76, 39.284, 68.870
Yxy	49.7304, 0.4140, 0.3920
Android (android.graphics.Color)	4293505144 (0xFFE9B078)
YUV	186.6590, -32.8629, 40.6411
Hunter-Lab	70.5198, 9.5287, 28.6811

Details

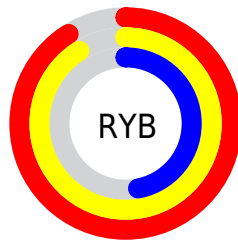
The XYZ color **52.5198, 49.7304, 24.6001** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.1751, 41.3188, 83.0539**, and the grayscale version is **47.2018, 49.6599, 54.0797**.

A 20% lighter version of the original color is **77.6394, 81.9904, 51.2688**, and **25.8676, 23.7221, 9.0098** is the 20% darker color. If you saturate the color by 10%, you get **49.0690, 44.8231, 17.3020**, and if you desaturate by 10%, it is **56.5166, 55.1791, 33.7785**.

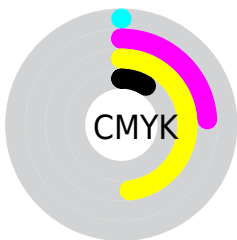
Distribution



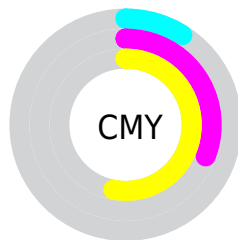
- Red (91%)
- Green (69%)
- Blue (47%)



- Red (91%)
- Yellow (91%)
- Blue (47%)



- Cyan (0%)
- Magenta (24%)
- Yellow (48%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5198, 49.7304, 24.6001 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 52.5198, 49.7304, 24.6001 by changing the saturation by 10% instead.


 52.5198, 49.7304,
24.6001


 52.5198, 49.7304,
24.6001


386.7311,
385.6107, 289.2242

 37.6455, 35.1992,
15.5631


 93.0671, 89.7753,
51.9638

 25.8836, 23.8164,
9.0645


 119.4708,
116.0578, 71.1275

 16.8688, 15.1975,
4.6859


 150.4483,
147.0262, 94.5038

 10.2357, 8.9581,
2.0087

186.3651,
183.0650, 122.5114

 5.6190, 4.7139,
0.5606

227.5864,
224.5584, 155.5686

 2.6533, 2.0804,
0.0000

274.4776,

 0.9732, 0.6536,

271.8909, 194.0942

0.0000

327.4040,
325.4468, 238.5065

0.0000, 0.0000,
0.0000

52.5198, 49.7304,
24.6001

52.5198, 49.7304,
24.6001

49.0690, 44.8231,
17.3020

56.5166, 55.1791,
33.7785

46.1301, 40.4298,
11.7458

61.0835, 61.1809,
44.9561

43.6702, 36.5310,
7.7786


66.2471, 67.7559,
58.2455


41.6498, 33.1019,
5.2190


72.0315, 74.9208,
73.7498

40.0134, 30.1113,
3.8037

78.4589, 82.6917,
91.5654

 39.7898, 29.6949,
3.6345

 84.7677, 90.7707,
107.6605

 87.4142, 96.0636,
108.5427

Harmonies

Analogous

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



59.0827, 49.7304, 32.6026



52.5198, 49.7304, 24.6001



45.1319, 49.7304, 23.3078

Triad

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



52.5198, 49.7304, 24.6001



34.6902, 49.7304, 60.5982



56.6526, 49.7304, 91.9450

Complementary

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



52.5198, 49.7304, 24.6001



38.1751, 41.3188, 83.0539

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.



49.4689, 49.7304, 104.4821



52.5198, 49.7304, 24.6001



37.1424, 49.7304, 83.5576

Square

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



52.5198, 49.7304, 24.6001



35.3265, 49.7304, 40.8890



42.3771, 49.7304, 101.0697



61.6346, 49.7304, 70.0018

Rectangle

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



52.5198, 49.7304, 24.6001



40.7976, 49.7304, 25.9830



42.3771, 49.7304, 101.0697



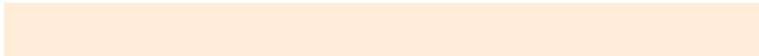
54.3871, 49.7304, 97.6266

Sweetspot

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



52.5210, 49.7328, 24.6011



83.6432, 86.0794, 77.6818



48.3954, 33.9868, 46.3313



17.5905, 18.0346, 15.7976



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.



52.5210, 49.7328, 24.6011



60.3018, 55.1290, 21.4002



65.6030, 75.8968, 28.9617



15.6821, 16.2872, 15.8359



22.7014, 17.0971, 2.1036



1.8788, 1.5348, 0.1972

Inverse Universe

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



38.1751, 41.3188, 83.0539



40.7915, 43.6841, 100.8897



29.3993, 23.7672, 80.1286



14.8591, 15.8046, 19.1897



12.1139, 10.8748, 45.2035



1.0475, 1.0464, 3.5816

Previews

White Background



This preview shows how the XYZ color 52.5198, 49.7304, 24.6001 looks on a white background.

Color Contrast Check

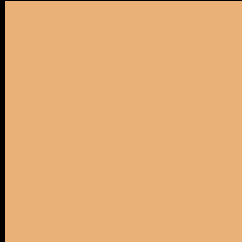
Large Text (above 18pt) WCAG AA × Fail

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 52.5198, 49.7304, 24.6001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

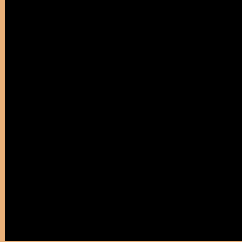
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5198, 49.7304, 24.6001

Background



This preview shows how black text looks on a background with the XYZ color 52.5198, 49.7304, 24.6001.



This preview shows how white text looks on a background with the XYZ color 52.5198, 49.7304,

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

52.5198, 49.7304, 24.6001

Protanopia

46.1006, 49.7178, 26.5688

Deuteranopia

50.8139, 49.7409, 24.3755



Tritanopia

57.6030, 49.5186, 50.2381

Trichromacy



Original Color

52.5198, 49.7304, 24.6001

Protanomaly

48.2402, 49.5932, 25.7688

Deuteranomaly

51.5633, 49.8307, 24.3534

Tritanomaly

55.4130, 49.4619, 39.4274

Monochromacy



Original Color

52.5198, 49.7304, 24.6001

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.4462, 49.3487, 41.6222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5198, 49.7304, 24.6001 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(233, 176, 120)` looks like.

```
.text, #text, p{  
    color:rgb(233, 176, 120)  
}
```

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(233, 176, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 176, 120) }
```

Border

The CSS property to change the border of an element to XYZ 52.5198, 49.7304, 24.6001 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(233, 176, 120) }
```


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

```
.border{ border-color:rgb(233, 176, 120) }
```

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

Here you see how a box with a 4 pixel rgb(233, 176, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 176, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 176, 120);  
box-shadow:4px 4px 4px 4px rgb(233, 176,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5198, 49.7304, 24.6001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 176, 120) }
```

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

```
.background{ background-color: rgb(233,  
176, 120) }
```

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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