

Converting Colors

XYZ(47.8324, 46.7754, 9.5251)

Have a look what the booklet for
XYZ(47.8324, 46.7754, 9.5251)
contains.

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Color

**XYZ(47.8324, 46.7754,
9.5251)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AD32
RGB	229, 173, 50
RGB Percent	90%, 68%, 20%
CMY	0.1020, 0.3215, 0.8039
CMYK	0.00, 0.24, 0.78, 0.10
HSL	41°, 77%, 55%
HSV	41°, 78%, 90%
XYZ	47.8324, 46.7754, 9.5251
YIQ	175.7220, 72.8590, -26.3810

Conversions

Conversions Part 2

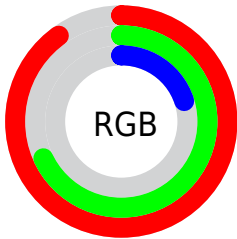
Format	Color
RYB	131, 229, 50
Decimal	15052082
CIELab	74.05, 9.58, 66.47
CIElCh	74, 67.155, 81.799
Yxy	46.7754, 0.4593, 0.4492
Android (android.graphics.Color)	4293242162 (0xFFE5AD32)
YUV	175.7220, -61.9809, 46.7248
Hunter-Lab	68.3925, 5.1524, 39.6174

Details

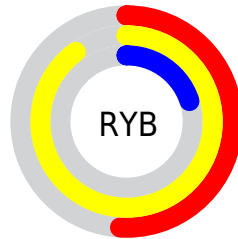
The XYZ color **47.8324, 46.7754, 9.5251** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **20.6122, 16.6429, 76.2543**, and the grayscale version is **41.4092, 43.5657, 47.4430**.

A 20% lighter version of the original color is **71.5849, 77.7874, 24.8772**, and **23.1996, 22.1098, 3.0449** is the 20% darker color. If you saturate the color by 10%, you get **46.1196, 43.9527, 7.0962**, and if you desaturate by 10%, it is **49.8679, 49.8487, 13.2801**.

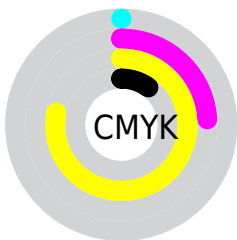
Distribution



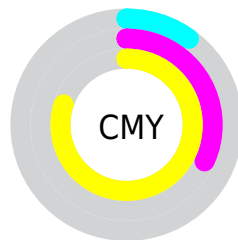
- Red (90%)
- Green (68%)
- Blue (20%)



- Red (51%)
- Yellow (90%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (78%)
- Black (10%)



- Cyan (10%)
- Magenta (32%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8324, 46.7754, 9.5251 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 47.8324, 46.7754, 9.5251 by changing the saturation by 10% instead.

47.8324, 46.7754,
9.5251

47.8324, 46.7754,
9.5251

368.7211,
373.9173, 197.6083

33.9049, 32.8581,
4.9838

86.1660, 85.3783,
25.4920

22.9831, 22.0178,
2.1792

111.3028,
110.8327, 37.7547

14.7016, 13.8700,
0.6623

140.9068,
140.9016, 53.4283

8.6952, 8.0303,
0.0000

175.3432,
175.9693, 72.9313

4.5984, 4.1143,
0.0000

214.9775,
216.4204, 96.6823

2.0459, 1.7377,
0.0000

260.1750,

0.6596, 0.4479,

262.6392, 125.0997

0.0000

311.3011,
315.0100, 158.6022

■ 0.0000, 0.0000,
0.0000

■ 47.8324, 46.7754,
9.5251

■ 47.8324, 46.7754,
9.5251

■ 46.1196, 43.9527,
7.0962

■ 49.8679, 49.8487,
13.2801

■ 44.6789, 41.3531,
5.7478

■ 52.2563, 53.1810,
18.5299

■ 44.4315, 40.8951,
5.5518

■ 55.0275, 56.7878,
25.4206

■ 58.2066, 60.6809,
34.0804

■ 61.8167, 64.8711,
44.6243

■ 65.8785, 69.3684,
57.1580

■ 70.4117, 74.1823,
71.7790

■ 75.4345, 79.3217,
88.5783

■ 80.7857, 84.7236,
106.7032

Harmonies

Analogous

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



60.3114, 46.7754, 14.6476



47.8324, 46.7754, 9.5251



36.4278, 46.7754, 10.9120

Triad

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



47.8324, 46.7754, 9.5251



26.2898, 46.7754, 79.6265



65.1710, 46.7754, 103.7105

Complementary

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



47.8324, 46.7754, 9.5251



20.6122, 16.6429, 76.2543

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.



53.5906, 46.7754, 140.2398



47.8324, 46.7754, 9.5251



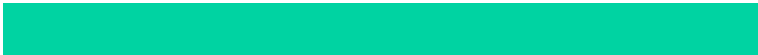
31.6599, 46.7754, 122.5220

Square

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



47.8324, 46.7754, 9.5251



25.3060, 46.7754, 42.0725



41.2473, 46.7754, 148.3477



71.4343, 46.7754, 60.9518

Rectangle

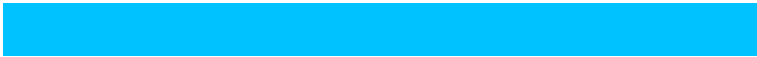
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.8324, 46.7754, 9.5251



30.7831, 46.7754, 15.8407



41.2473, 46.7754, 148.3477



61.6817, 46.7754, 117.7956

Sweetspot

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



47.8335, 46.7777, 9.5260



81.4275, 85.6292, 64.6701



36.0910, 19.9944, 15.7806



17.0339, 17.8873, 12.6342



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.



47.8335, 46.7777, 9.5260



57.6531, 53.9447, 7.8370



51.4077, 68.0290, 13.4395



15.2014, 16.0166, 15.1948



25.5161, 23.6063, 3.2116



1.9676, 1.9086, 0.2647

Inverse Universe

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



20.6122, 16.6429, 76.2543



21.9320, 14.6843, 96.2861



18.8350, 9.7695, 75.0213



13.9488, 14.6191, 18.2309



9.4925, 6.0472, 43.0501



0.7821, 0.6082, 3.2081

Previews

White Background



This preview shows how the XYZ color 47.8324, 46.7754, 9.5251 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 47.8324, 46.7754, 9.5251 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 47.8324, 46.7754, 9.5251

Background



This preview shows how black text looks on a background with the XYZ color 47.8324, 46.7754, 9.5251.



This preview shows how white text looks on a background with the XYZ color 47.8324, 46.7754,

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

47.8324, 46.7754, 9.5251

Protanopia

42.4779, 46.9614, 10.1938

Deuteranopia

47.8324, 46.7754, 9.5251



Tritanopia

55.4854, 46.9012, 46.1728

Trichromacy



Original Color

47.8324, 46.7754, 9.5251

Protanomaly

44.1805, 46.6343, 9.9216

Deuteranomaly

47.8324, 46.7754, 9.5251

Tritanomaly

51.5304, 46.3498, 26.9993

Monochromacy



Original Color

47.8324, 46.7754, 9.5251

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.8649, 43.8738, 27.3811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8324, 46.7754, 9.5251 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(229, 173, 50)` looks like.

```
.text, #text, p{  
    color:rgb(229, 173, 50)  
}
```

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(229, 173, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 173, 50) }
```

Border

The CSS property to change the border of an element to XYZ 47.8324, 46.7754, 9.5251 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(229, 173, 50) }
```


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

```
.border{ border-color:rgb(229, 173, 50) }
```

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

Here you see how a box with a 4 pixel rgb(229, 173, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 173, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 173, 50);  
box-shadow:4px 4px 4px 4px rgb(229, 173,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8324, 46.7754, 9.5251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 173, 50) }
```

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

```
.background{ background-color: rgb(229,  
173, 50) }
```

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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