

Converting Colors

XYZ(47.6252, 48.7108, 24.3453)

Have a look what the booklet for
XYZ(47.6252, 48.7108, 24.3453)
contains.

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Color

**XYZ(47.5852, 48.6758,
24.3401)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B577
RGB	214, 181, 119
RGB Percent	84%, 71%, 47%
CMY	0.1608, 0.2902, 0.5333
CMYK	0.00, 0.15, 0.44, 0.16
HSL	39°, 54%, 65%
HSV	39°, 44%, 84%
XYZ	47.5852, 48.6758, 24.3401
YIQ	183.7990, 39.5700, -12.2860

Conversions

Conversions Part 2

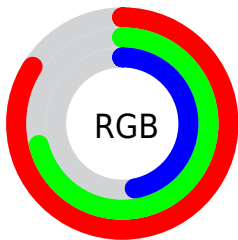
Format	Color
RYB	170, 214, 119
Decimal	14071159
CIELab	75.25, 3.71, 35.95
CIELCh	75, 36.136, 84.113
Yxy	48.6758, 0.3946, 0.4036
Android (android.graphics.Color)	4292261239 (0xFFD6B577)
YUV	183.7990, -31.9459, 26.4863
Hunter-Lab	69.7680, -0.3484, 28.1530

Details

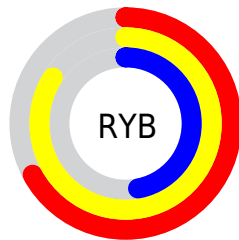
The XYZ color **47.5852, 48.6758, 24.3401** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9732, 31.2323, 68.0142**, and the grayscale version is **45.6055, 47.9805, 52.2508**.

A 20% lighter version of the original color is **78.9706, 84.8069, 51.2369**, and **22.6980, 23.0361, 8.8803** is the 20% darker color. If you saturate the color by 10%, you get **44.9710, 45.2778, 17.8262**, and if you desaturate by 10%, it is **50.5718, 52.3554, 32.4068**.

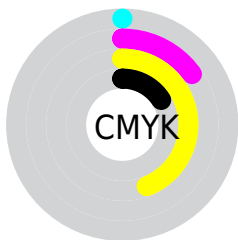
Distribution



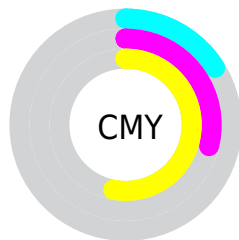
- Red (84%)
- Green (71%)
- Blue (47%)



- Red (67%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (44%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5852, 48.6758, 24.3401 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 47.5852, 48.6758, 24.3401 by changing the saturation by 10% instead.


 47.5852, 48.6758,
24.3401


 47.5852, 48.6758,
24.3401


367.7556,
381.4646, 287.8772

 33.7084, 34.3624,
15.3716


 85.7999, 88.2098,
51.5354

 22.8315, 23.1721,
8.9311


 110.8686,
114.1991, 70.5992

 14.5891, 14.7207,
4.6000


 140.3985,
144.8491, 93.8653

 8.6160, 8.6236,
1.9600

174.7552,
180.5444, 121.7520

 4.5467, 4.4965,
0.5305

214.3038,
221.6691, 154.6781

 2.0158, 1.9550,
0.0000

259.4099,

 0.6428, 0.5811,

268.6078, 193.0619

0.0000

310.4387,
321.7449, 237.3221

■ 0.0000, 0.0000,
0.0000

■ 47.5852, 48.6758,
24.3401

■ 47.5852, 48.6758,
24.3401

■ 44.9710, 45.2778,
17.8262

■ 50.5718, 52.3554,
32.4068

■ 42.7048, 42.1443,
12.7582

■ 53.9462, 56.3192,
42.1176

■ 40.7643, 39.2660,
9.0202


■ 57.7274, 60.5786,
53.5602


■ 39.1227, 36.6302,
6.4769


■ 61.9316, 65.1420,
66.8154


■ 37.7474, 34.2216,
4.9638

■ 66.5743, 70.0173,
81.9586

 37.0621, 32.9573,
4.4080

 71.6700, 75.2122,
99.0611

 74.9299, 79.8128,
106.0639

 77.0789, 84.1110,
106.7803

 79.3177, 88.5885,
107.5265

Harmonies

Analogous

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



54.1496, 48.6758, 28.5765



47.5852, 48.6758, 24.3401



41.2485, 48.6758, 26.1661

Triad

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



47.5852, 48.6758, 24.3401



35.5746, 48.6758, 69.3631



57.3841, 48.6758, 77.4191

Complementary

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



47.5852, 48.6758, 24.3401



30.9732, 31.2323, 68.0142

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.



51.6724, 48.6758, 93.8096



47.5852, 48.6758, 24.3401



39.1853, 48.6758, 88.4345

Square

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



47.5852, 48.6758, 24.3401



34.7043, 48.6758, 49.3414



44.9692, 48.6758, 98.2591



60.1439, 48.6758, 56.8345

Rectangle

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



47.5852, 48.6758, 24.3401



37.9443, 48.6758, 30.8656



44.9692, 48.6758, 98.2591



55.7208, 48.6758, 83.7816

Sweetspot

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



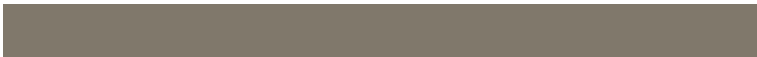
47.5864, 48.6781, 24.3411



86.6011, 90.9187, 81.9866



40.0166, 29.7654, 33.4499



18.2526, 19.1471, 16.6713



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.



47.5864, 48.6781, 24.3411



67.1917, 67.7536, 27.2580



51.1291, 61.6700, 26.6621



13.0929, 13.7600, 13.1266



22.5023, 20.1219, 2.6979



1.4333, 1.3657, 0.1881

Inverse Universe

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



30.9732, 31.2323, 68.0142



39.5551, 38.7628, 100.0049



28.4473, 23.0562, 66.5692



12.0918, 12.7071, 15.7529



8.9178, 6.0974, 39.1601



0.6141, 0.5202, 2.3874

Previews

White Background



This preview shows how the XYZ color 47.5852, 48.6758, 24.3401 looks on a white background.

Color Contrast Check

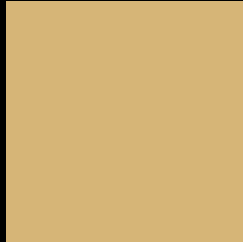
Large Text (above 18pt) WCAG AA × Fail

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 47.5852, 48.6758, 24.3401 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 47.5852, 48.6758, 24.3401

Background



This preview shows how black text looks on a background with the XYZ color 47.5852, 48.6758, 24.3401.



This preview shows how white text looks on a background with the XYZ color 47.5852, 48.6758,

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

47.5852, 48.6758, 24.3401

Protanopia

45.1573, 48.6350, 25.0966

Deuteranopia

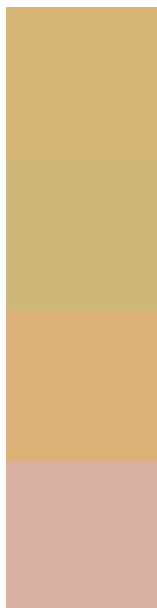
49.5437, 48.4883, 24.5172



Tritanopia

53.6253, 48.8045, 53.0482

Trichromacy



Original Color

47.5852, 48.6758, 24.3401

Protanomaly

45.9843, 48.7589, 24.7571

Deuteranomaly

48.8258, 48.4125, 24.5405

Tritanomaly

50.9604, 48.5647, 40.8704

Monochromacy



Original Color

47.5852, 48.6758, 24.3401

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.7843, 48.0071, 40.1109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5852, 48.6758, 24.3401 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(214, 181, 119)` looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 119)  
}
```

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(214, 181, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 119) }
```

Border

The CSS property to change the border of an element to XYZ 47.5852, 48.6758, 24.3401 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(214, 181, 119) }
```


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

```
.border{ border-color:rgb(214, 181, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 119);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5852, 48.6758, 24.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 119) }
```

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

```
.background{ background-color: rgb(214,  
181, 119) }
```

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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