

Converting Colors

XYZ(47.7536, 48.0591, 24.9623)

Have a look what the booklet for
XYZ(47.7536, 48.0591, 24.9623)
contains.

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Color

**XYZ(47.8902, 48.2196,
24.8724)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B379
RGB	216, 179, 121
RGB Percent	85%, 70%, 47%
CMY	0.1529, 0.2980, 0.5255
CMYK	0.00, 0.17, 0.44, 0.15
HSL	37°, 55%, 66%
HSV	37°, 44%, 85%
XYZ	47.8902, 48.2196, 24.8724
YIQ	183.4510, 40.6700, -10.1940

Conversions

Conversions Part 2

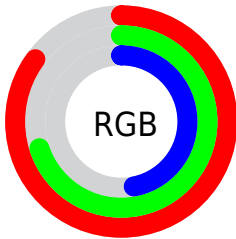
Format	Color
R_{YB}	182, 216, 121
Decimal	14201721
CIE Lab	74.96, 5.79, 34.57
CIE LCh	75, 35.054, 80.500
Yxy	48.2196, 0.3958, 0.3986
Android (android.graphics.Color)	4292391801 (0xFFD8B379)
YUV	183.4510, -30.7883, 28.5455
Hunter-Lab	69.4403, 1.5837, 27.3715

Details

The XYZ color **47.8902, 48.2196, 24.8724** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.5063, 33.4754, 69.7138**, and the grayscale version is **45.4068, 47.7715, 52.0232**.

A 20% lighter version of the original color is **78.5883, 83.7327, 52.0644**, and **22.8963, 22.7476, 9.1452** is the 20% darker color. If you saturate the color by 10%, you get **45.0766, 44.4802, 18.1151**, and if you desaturate by 10%, it is **51.1056, 52.2879, 33.2278**.

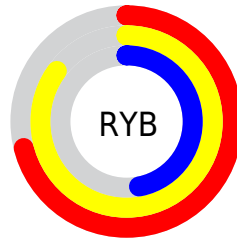
Distribution



Red (85%)

Green (70%)

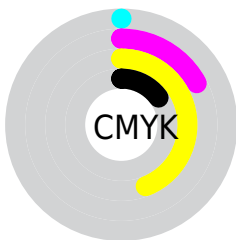
Blue (47%)



Red (71%)

Yellow (85%)

Blue (47%)

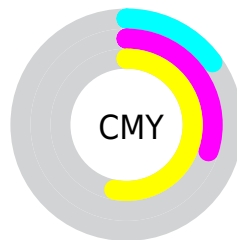


Cyan (0%)

Magenta (17%)

Yellow (44%)

Black (15%)



Cyan (15%)

Magenta (30%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8902, 48.2196, 24.8724 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 47.8902, 48.2196, 24.8724 by changing the saturation by 10% instead.

47.8902, 48.2196,
24.8724

47.8902, 48.2196,
24.8724

368.9466,
379.6619, 290.6292

33.9508, 34.0008,
15.7639

86.2516, 87.5313,
52.4117

23.0185, 22.8942,
9.2047

111.4043,
113.3930, 71.6795

14.7280, 14.5154,
4.7763

141.0255,
143.9044, 95.1709

8.7138, 8.4800,
2.0602

175.4806,
179.4500, 123.3043

4.6106, 4.4036,
0.5919

215.1349,
220.4142, 156.4983

2.0530, 1.9018,
0.0000

260.3538,

0.6635, 0.5495,

267.1813, 195.1714

0.0000

311.5025,
320.1357, 239.7422

■ 0.0000, 0.0000,
0.0000

■ 47.8902, 48.2196,
24.8724

■ 47.8902, 48.2196,
24.8724

■ 45.0766, 44.4802,
18.1151

■ 51.1056, 52.2879,
33.2278

■ 42.6394, 41.0512,
12.8469

■ 54.7392, 56.6891,
43.2746

■ 40.5555, 37.9221,
8.9495


■ 58.8107, 61.4356,
55.1026


■ 38.7968, 35.0788,
6.2854


■ 63.3373, 66.5370,
68.7941


■ 37.3298, 32.5045,
4.6873


■ 68.3351, 72.0024,
84.4263

 36.5545, 31.0702,
4.0705

 73.8195, 77.8405,
102.0720

 76.9103, 82.9017,
106.5558

 79.4152, 87.9116,
107.3908

 82.0361, 93.1535,
108.2644

Harmonies

Analogous

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



54.1035, 48.2196, 29.7533



47.8902, 48.2196, 24.8724



41.6596, 48.2196, 25.9491

Triad

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



47.8902, 48.2196, 24.8724



35.2544, 48.2196, 65.8226



55.9861, 48.2196, 78.2308

Complementary

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



47.8902, 48.2196, 24.8724



32.5063, 33.4754, 69.7138

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.



50.2725, 48.2196, 92.8644



47.8902, 48.2196, 24.8724



38.4484, 48.2196, 84.6230

Square

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



47.8902, 48.2196, 24.8724



34.7448, 48.2196, 46.9042



43.8322, 48.2196, 95.4426



59.0559, 48.2196, 58.5304

Rectangle

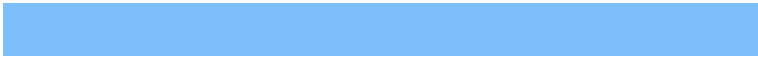
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.8902, 48.2196, 24.8724



38.3023, 48.2196, 30.0248



43.8322, 48.2196, 95.4426



54.2873, 48.2196, 84.0809

Sweetspot

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



47.8914, 48.2219, 24.8734



86.1838, 90.0841, 81.8475



41.4146, 30.7774, 36.5592



18.1493, 18.9405, 16.6368



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.



47.8914, 48.2219, 24.8734



65.8284, 65.0272, 26.8036



53.5998, 63.6857, 27.5573



13.0480, 13.6702, 13.1116



21.7442, 18.6057, 2.4452



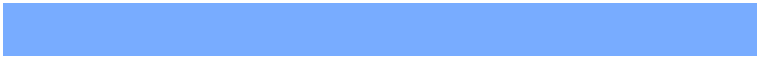
1.3909, 1.2809, 0.1739

Inverse Universe

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



32.5063, 33.4754, 69.7138



40.6191, 40.8906, 100.3596



28.5153, 23.4187, 67.9830



12.1353, 12.7939, 15.7674



9.3159, 6.8935, 39.2927



0.6411, 0.5742, 2.3964

Previews

White Background



This preview shows how the XYZ color 47.8902, 48.2196, 24.8724 looks on a white background.

Color Contrast Check

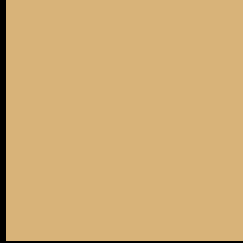
Large Text (above 18pt) WCAG AA × Fail

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 47.8902, 48.2196, 24.8724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

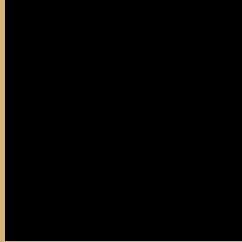
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.8902, 48.2196, 24.8724

Background



This preview shows how black text looks on a background with the XYZ color 47.8902, 48.2196, 24.8724.



This preview shows how white text looks on a background with the XYZ color 47.8902, 48.2196,

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

47.8902, 48.2196, 24.8724

Protanopia

44.7435, 48.4073, 25.7242

Deuteranopia

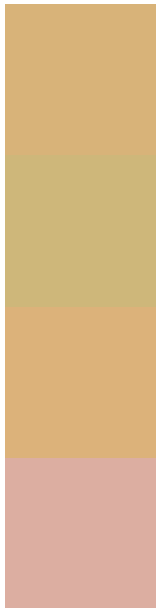
49.3592, 48.3790, 25.1489



Tritanopia

53.3388, 48.1161, 51.8235

Trichromacy



Original Color

47.8902, 48.2196, 24.8724

Protanomaly

45.8999, 48.3939, 25.3341

Deuteranomaly

48.9484, 48.4616, 25.1865

Tritanomaly

51.0843, 48.0610, 40.3025

Monochromacy



Original Color

47.8902, 48.2196, 24.8724

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.5788, 47.5961, 40.0424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8902, 48.2196, 24.8724 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(216, 179, 121)` looks like.

```
.text, #text, p{  
    color:rgb(216, 179, 121)  
}
```

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(216, 179, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 179, 121) }
```

Border

The CSS property to change the border of an element to XYZ 47.8902, 48.2196, 24.8724 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(216, 179, 121) }
```


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

```
.border{ border-color:rgb(216, 179, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 179, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 179, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 179, 121);  
box-shadow:4px 4px 4px 4px rgb(216, 179,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8902, 48.2196, 24.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 179, 121) }
```

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

```
.background{ background-color: rgb(216,  
179, 121) }
```

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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