

Converting Colors

XYZ(47.1591, 50.5658, 24.1042)

Have a look what the booklet for
XYZ(47.1591, 50.5658, 24.1042)
contains.

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Color

**XYZ(47.2065, 50.6607,
24.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	D0BC75
RGB	208, 188, 117
RGB Percent	82%, 74%, 46%
CMY	0.1843, 0.2627, 0.5412
CMYK	0.00, 0.10, 0.44, 0.18
HSL	47°, 49%, 64%
HSV	47°, 44%, 82%
XYZ	47.2065, 50.6607, 24.1201
YIQ	185.8860, 34.7110, -17.8410

Conversions

Conversions Part 2

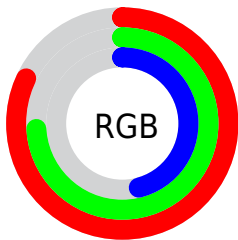
Format	Color
RYB	143, 208, 117
Decimal	13679733
CIELab	76.47, -2.62, 38.42
CIELCh	76, 38.512, 93.908
Yxy	50.6607, 0.3870, 0.4153
Android (android.graphics.Color)	4291869813 (0xFFD0BC75)
YUV	185.8860, -33.9608, 19.3940
Hunter-Lab	71.1763, -6.1715, 29.7313

Details

The XYZ color **47.2065, 50.6607, 24.1201** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.6667, 26.2264, 63.2783**, and the grayscale version is **46.7799, 49.2161, 53.5963**.

A 20% lighter version of the original color is **80.8464, 88.8636, 50.9215**, and **22.6260, 24.4086, 8.8290** is the 20% darker color. If you saturate the color by 10%, you get **45.1564, 48.3049, 18.0590**, and if you desaturate by 10%, it is **49.5618, 53.1917, 31.6246**.

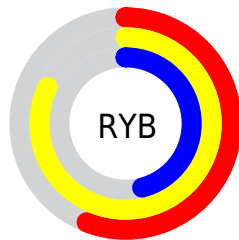
Distribution



Red (82%)

Green (74%)

Blue (46%)



Red (56%)

Yellow (82%)

Blue (46%)

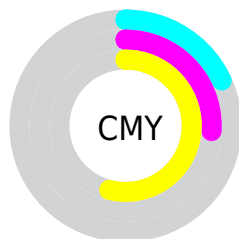


Cyan (0%)

Magenta (10%)

Yellow (44%)

Black (18%)



Cyan (18%)


Magenta (26%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2065, 50.6607, 24.1201 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 47.2065, 50.6607, 24.1201 by changing the saturation by 10% instead.

 47.2065, 50.6607,
24.1201


 47.2065, 50.6607,
24.1201


366.2733,
389.2441, 286.7332


 33.4076, 35.9387,
15.2097


 85.2386, 91.1530,
51.1724

 22.5996, 24.3868,
8.8184

 110.2026,
117.6921, 70.1514

 14.4172, 15.6208,
4.5278


 139.6189,
148.9390, 93.3237

 8.4950, 9.2562,
1.9191

173.8529,
185.2780, 121.1078

 4.4678, 4.9087,
0.5049

213.2700,
227.0937, 153.9222

 1.9700, 2.1938,
0.0000

258.2355,

 0.6170, 0.7166,

274.7703, 192.1856

0.0000

309.1149,
328.6923, 236.3164

■ 0.0000, 0.0000,
0.0000

■ 47.2065, 50.6607,
24.1201

■ 47.2065, 50.6607,
24.1201

■ 45.1564, 48.3049,
18.0590

■ 49.5618, 53.1917,
31.6246

■ 43.3892, 46.1095,
13.3422

■ 52.2353, 55.8981,
40.6565

■ 41.8855, 44.0681,
9.8630

■ 55.2437, 58.7888,
51.2971

■ 40.6214, 42.1705,
7.4972

■ 58.6016, 61.8701,
63.6210

■ 39.5680, 40.4049,
6.0943

■ 62.3224, 65.1477,
77.6981

■ 38.9851, 39.3555,
5.5416

■ 66.4189, 68.6273,
93.5943

■ 69.6547, 71.8147,
104.7982

■ 70.8707, 74.2465,
105.2035

■ 72.1197, 76.7445,
105.6198

Harmonies

Analogous

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



54.5546, 50.6607, 26.4868



47.2065, 50.6607, 24.1201



40.7775, 50.6607, 28.1927

Triad

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



47.2065, 50.6607, 24.1201



37.4720, 50.6607, 80.5995



61.8053, 50.6607, 74.6750

Complementary

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



47.2065, 50.6607, 24.1201



27.6667, 26.2264, 63.2783

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.



56.3648, 50.6607, 95.4300



47.2065, 50.6607, 24.1201



42.2701, 50.6607, 99.4100

Square

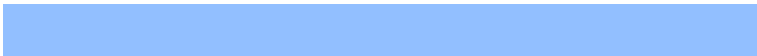
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.2065, 50.6607, 24.1201



35.5260, 50.6607, 57.9302



49.1090, 50.6607, 105.4224



63.4615, 50.6607, 52.4813

Rectangle

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



47.2065, 50.6607, 24.1201



37.7308, 50.6607, 34.8056



49.1090, 50.6607, 105.4224



60.3333, 50.6607, 82.2173

Sweetspot

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



47.2077, 50.6631, 24.1211



87.8849, 93.4863, 82.4145



36.9784, 27.9747, 27.5847



18.5713, 19.7845, 16.7775



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.



47.2077, 50.6631, 24.1211



71.9373, 76.9943, 29.6125



45.4702, 56.5535, 25.3497



12.5739, 13.3384, 12.5239



24.3719, 24.6767, 3.4785



1.4186, 1.4915, 0.2131

Inverse Universe

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



27.6667, 26.2264, 63.2783



37.2857, 33.6927, 99.1459



28.7768, 22.9634, 62.5900



11.3713, 11.8329, 14.9283



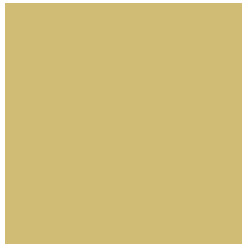
7.7568, 4.1602, 37.5867



0.4941, 0.3533, 2.1217

Previews

White Background



This preview shows how the XYZ color 47.2065, 50.6607, 24.1201 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 47.2065, 50.6607, 24.1201 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 47.2065, 50.6607, 24.1201

Background



This preview shows how black text looks on a background with the XYZ color 47.2065, 50.6607, 24.1201.



This preview shows how white text looks on a background with the XYZ color 47.2065, 50.6607,

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

47.2065, 50.6607, 24.1201

Protanopia

46.8621, 50.8014, 24.1654

Deuteranopia

51.6459, 50.4684, 24.4721



Tritanopia

54.0646, 50.6894, 57.3866

Trichromacy



Original Color

47.2065, 50.6607, 24.1201

Protanomaly

47.1406, 50.9449, 24.1784

Deuteranomaly

50.0223, 50.5471, 24.2597

Tritanomaly

50.9601, 50.3186, 42.6239

Monochromacy



Original Color

47.2065, 50.6607, 24.1201

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.4515, 49.5832, 40.8405

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2065, 50.6607, 24.1201 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(208, 188, 117)` looks like.

```
.text, #text, p{  
    color:rgb(208, 188, 117)  
}
```

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(208, 188, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 188, 117) }
```

Border

The CSS property to change the border of an element to XYZ 47.2065, 50.6607, 24.1201 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(208, 188, 117) }
```


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

```
.border{ border-color:rgb(208, 188, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 188, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 188, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 188, 117); box-shadow:4px 4px 4px 4px rgb(208, 188, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2065, 50.6607, 24.1201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 188, 117) }
```

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

```
.background{ background-color: rgb(208,  
188, 117) }
```

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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