

Converting Colors

XYZ(48.7110, 49.0303, 41.6427)

Have a look what the booklet for
XYZ(48.7110, 49.0303, 41.6427)
contains.

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Color

**XYZ(48.7924, 49.2221,
41.5795)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB6A3
RGB	206, 182, 163
RGB Percent	81%, 71%, 64%
CMY	0.1922, 0.2863, 0.3608
CMYK	0.00, 0.12, 0.21, 0.19
HSL	27°, 30%, 72%
HSV	27°, 21%, 81%
XYZ	48.7924, 49.2221, 41.5795
YIQ	187.0100, 20.4030, -0.8210

Conversions

Conversions Part 2

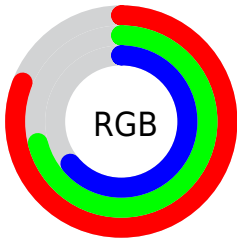
Format	Color
R _Y B	206, 197, 163
Decimal	13547171
CIE Lab	75.59, 5.57, 12.81
CIE LCh	76, 13.970, 66.503
Yxy	49.2221, 0.3495, 0.3526
Android (android.graphics.Color)	4291737251 (0xFFCEB6A3)
YUV	187.0100, -11.8369, 16.6542
Hunter-Lab	70.1585, 1.3623, 13.9726

Details

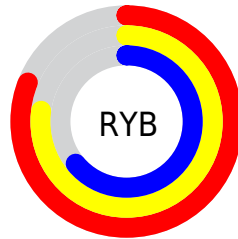
The XYZ color **48.7924, 49.2221, 41.5795** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0147, 47.7821, 65.2958**, and the grayscale version is **47.2974, 49.7606, 54.1893**.

A 20% lighter version of the original color is **84.4694, 87.4710, 78.7612**, and **23.4820, 23.4275, 18.3233** is the 20% darker color. If you saturate the color by 10%, you get **44.8368, 44.0279, 31.8845**, and if you desaturate by 10%, it is **53.2446, 54.9276, 52.9245**.

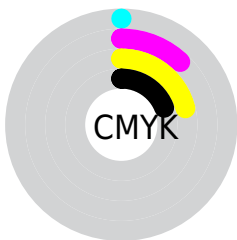
Distribution



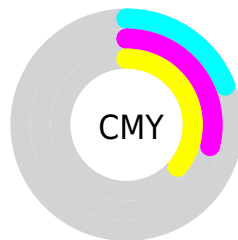
- Red (81%)
- Green (71%)
- Blue (64%)



- Red (81%)
- Yellow (77%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7924, 49.2221, 41.5795 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 48.7924, 49.2221, 41.5795 by changing the saturation by 10% instead.


 48.7924, 49.2221,
41.5795


 48.7924, 49.2221,
41.5795


372.4550,
383.6160, 368.4849

 34.6687, 34.7957,
28.4491


 87.5856, 89.0212,
78.8260

 23.5731, 23.5055,
18.4225


 112.9858,
115.1627, 103.7792

 15.1403, 14.9672,
11.0811

142.8756,
145.9781, 133.5104

 9.0048, 8.7964,
6.0066

177.6203,
181.8517, 168.4380

 4.8015, 4.6086,
2.7802

217.5852,
223.1678, 208.9808

 2.1648, 2.0195,
0.9835

263.1357,

 0.7241, 0.6188,

270.3110, 255.5572

0.0000

314.6372,
323.6656, 308.5857

■ 0.0000, 0.0000,
0.0000

■ 48.7924, 49.2221,
41.5795

■ 48.7924, 49.2221,
41.5795

■ 44.8368, 44.0279,
31.8845

■ 53.2446, 54.9276,
52.9245

■ 41.3548, 39.3232,
23.7584

■ 58.2075, 61.1521,
65.9892

■ 38.3271, 35.0944,
17.1175

■ 63.6994, 67.9116,
80.8432

■ 35.7314, 31.3247,
11.8694

■ 69.7365, 75.2191,
97.5512

■ 33.5432, 27.9959,
7.9110

■ 74.5119, 82.3583,
106.5773

■ 31.7352, 25.0883,
5.1244

■ 77.9943, 89.3231,
107.7381

■ 30.2754, 22.5800,
3.3699

■ 79.2637, 91.8619,
108.1612

■ 29.1986, 20.6116,
2.4395

Harmonies

Analogous

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



50.8911, 49.2221, 45.5705



48.7924, 49.2221, 41.5795



46.2239, 49.2221, 40.6677

Triad

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



48.7924, 49.2221, 41.5795



42.0209, 49.2221, 55.2217



49.8013, 49.2221, 65.8606

Complementary

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



48.7924, 49.2221, 41.5795



44.0147, 47.7821, 65.2958

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.



47.3489, 49.2221, 69.0058



48.7924, 49.2221, 41.5795



42.9043, 49.2221, 62.5091

Square

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



48.7924, 49.2221, 41.5795



42.3755, 49.2221, 48.1210



44.8317, 49.2221, 67.7262



51.4884, 49.2221, 59.4680

Rectangle

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



48.7924, 49.2221, 41.5795



44.6026, 49.2221, 41.8464



44.8317, 49.2221, 67.7262



49.0357, 49.2221, 67.3582

Sweetspot

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



48.7937, 49.2243, 41.5805



90.0201, 93.7264, 95.5510



47.5602, 42.9204, 52.9980



19.1549, 19.9192, 20.1545



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.



48.7937, 49.2243, 41.5805



76.1141, 75.9177, 60.0765



53.4522, 58.5413, 43.1334



11.6136, 12.0161, 11.7867



18.0729, 12.8787, 1.5333



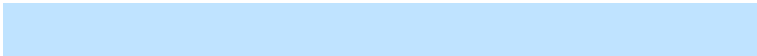
1.0076, 0.8148, 0.1042

Inverse Universe

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



44.0147, 47.7821, 65.2958



67.0200, 73.1713, 105.1989



39.8574, 39.4674, 63.9100



11.1122, 11.8649, 14.2749



10.7302, 10.4843, 37.4144



0.6284, 0.6907, 1.9551

Previews

White Background



This preview shows how the XYZ color 48.7924, 49.2221, 41.5795 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 48.7924, 49.2221, 41.5795 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 48.7924, 49.2221, 41.5795

Background



This preview shows how black text looks on a background with the XYZ color 48.7924, 49.2221, 41.5795.



This preview shows how white text looks on a background with the XYZ color 48.7924, 49.2221,

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

48.7924, 49.2221, 41.5795

Protanopia

46.8561, 49.4365, 42.6699

Deuteranopia

50.1715, 49.0307, 41.4699



Tritanopia

52.0132, 49.3482, 56.6529

Trichromacy



Original Color

48.7924, 49.2221, 41.5795

Protanomaly

47.6030, 49.5204, 42.1714

Deuteranomaly

49.5105, 48.9885, 41.4966

Tritanomaly

50.7551, 49.1317, 50.5243

Monochromacy



Original Color

48.7924, 49.2221, 41.5795

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.6330, 49.3816, 49.1406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7924, 49.2221, 41.5795 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(206, 182, 163) looks like.

```
.text, #text, p{  
    color:rgb(206, 182, 163)  
}
```

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(206, 182, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 182, 163) }
```

Border

The CSS property to change the border of an element to XYZ 48.7924, 49.2221, 41.5795 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(206, 182, 163) }
```


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

```
.border{ border-color:rgb(206, 182, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 182, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 182, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 182, 163);  
box-shadow:4px 4px 4px 4px rgb(206, 182,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7924, 49.2221, 41.5795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 182, 163) }
```

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

```
.background{ background-color: rgb(206,  
182, 163) }
```

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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