

Converting Colors

XYZ(48.3903, 49.1818, 45.2480)

Have a look what the booklet for
XYZ(48.3903, 49.1818, 45.2480)
contains.

XYZ(48.3716, 49.2248, 45.4799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.3716, 49.2248,
45.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B7AB
RGB	201, 183, 171
RGB Percent	79%, 72%, 67%
CMY	0.2118, 0.2823, 0.3294
CMYK	0.00, 0.09, 0.15, 0.21
HSL	24°, 22%, 73%
HSV	24°, 15%, 79%
XYZ	48.3716, 49.2248, 45.4799
YIQ	187.0140, 14.5800, 0.0840

Conversions

Conversions Part 2

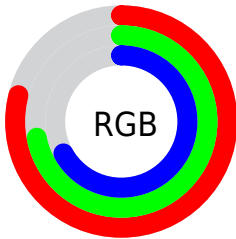
Format	Color
R_{YB}	201, 191, 171
Decimal	13219755
CIE _{Lab}	75.59, 4.41, 8.41
CIE _{LCh}	76, 9.498, 62.344
Yxy	49.2248, 0.3381, 0.3440
Android (android.graphics.Color)	4291409835 (0xFFC9B7AB)
YUV	187.0140, -7.8949, 12.2657
Hunter-Lab	70.1604, 0.2849, 10.6789

Details

The XYZ color **48.3716, 49.2248, 45.4799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.5345, 49.2691, 62.3688**, and the grayscale version is **47.2805, 49.7428, 54.1699**.

A 20% lighter version of the original color is **85.8340, 88.4840, 84.5067**, and **23.3450, 23.5002, 20.7583** is the 20% darker color. If you saturate the color by 10%, you get **44.2185, 43.7548, 35.3511**, and if you desaturate by 10%, it is **53.0318, 55.2419, 57.2164**.

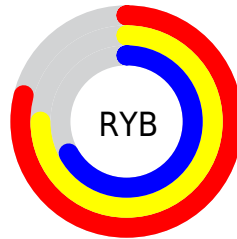
Distribution



Red (79%)

Green (72%)

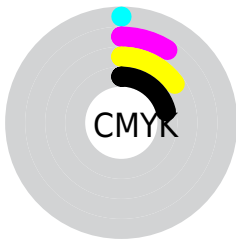
Blue (67%)



Red (79%)

Yellow (75%)

Blue (67%)

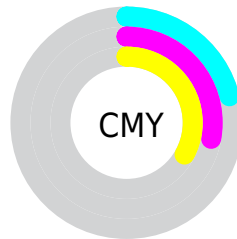


Cyan (0%)

Magenta (9%)

Yellow (15%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3716, 49.2248, 45.4799 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 48.3716, 49.2248, 45.4799 by changing the saturation by 10% instead.

■ 48.3716, 49.2248,
45.4799

■ 48.3716, 49.2248,
45.4799

370.8213,
383.6266, 384.9304

■ 34.3337, 34.7978,
31.4899

■ 86.9638, 89.0252,
84.7662

■ 23.3142, 23.5072,
20.7106

112.2488,
115.1675, 110.8995

■ 14.9477, 14.9685,
12.7234

142.0136,
145.9837, 141.9177

■ 8.8687, 8.7973,
7.1099

176.6235,
181.8581, 178.2392

■ 4.7121, 4.6092,
3.4514

216.4438,
223.1752, 220.2828

■ 2.1123, 2.0198,
1.3295

261.8400,

■ 0.6959, 0.6190,

270.3194, 268.4668

0.0858

313.1774,
323.6751, 323.2098

■ 0.0000, 0.0000,
0.0000

■ 48.3716, 49.2248,
45.4799

■ 48.3716, 49.2248,
45.4799

■ 44.2185, 43.7548,
35.3511

■ 53.0318, 55.2419,
57.2164

■ 40.5501, 38.8095,
26.7559

■ 58.2126, 61.8146,
70.6238

■ 37.3482, 34.3742,
19.6192

■ 63.9318, 68.9598,
85.7658

■ 34.5914, 30.4314,
13.8582

■ 70.2052, 76.6913,
102.7017

■ 32.2570, 26.9622,
9.3817

■ 74.2757, 83.9137,
106.8900

■ 30.3195, 23.9463,
6.0872

■ 77.8976, 91.1576,
108.0973

■ 28.7502, 21.3616,
3.8564

■ 27.5150, 19.1830,
2.5454

■ 26.9876, 18.2176,
2.0940

Harmonies

Analogous

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



49.6979, 49.2248, 48.5883



48.3716, 49.2248, 45.4799



46.6487, 49.2248, 44.5039

Triad

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



48.3716, 49.2248, 45.4799



43.4933, 49.2248, 53.9939



48.6166, 49.2248, 62.1899

Complementary

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



48.3716, 49.2248, 45.4799



45.5345, 49.2691, 62.3688

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.



46.9249, 49.2248, 63.8522



48.3716, 49.2248, 45.4799



43.9915, 49.2248, 58.9395

Square

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



48.3716, 49.2248, 45.4799



43.8591, 49.2248, 49.2328



45.2368, 49.2248, 62.6276



49.8418, 49.2248, 58.2127

Rectangle

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



48.3716, 49.2248, 45.4799



45.5147, 49.2248, 45.1412



45.2368, 49.2248, 62.6276



48.0822, 49.2248, 63.0488

Sweetspot

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



48.3729, 49.2270, 45.4809



91.5299, 95.5184, 99.8390



47.8362, 45.2181, 54.3514



19.4530, 20.2682, 21.0163



0.0000, 0.0000, 0.0000



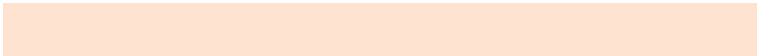
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.3729, 49.2270, 45.4809



80.3577, 81.0619, 71.7977



51.6327, 55.7465, 46.5675



10.9763, 11.3218, 11.1696



17.0529, 11.6230, 1.3447



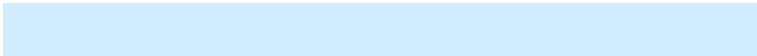
0.8780, 0.6915, 0.0872

Inverse Universe

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



45.5345, 49.2691, 62.3688



74.5511, 81.1465, 106.3413



42.4739, 43.1477, 61.3486



10.5769, 11.3279, 13.5465



10.9870, 11.3679, 36.3595



0.5897, 0.6773, 1.7448

Previews

White Background



This preview shows how the XYZ color 48.3716, 49.2248, 45.4799 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 48.3716, 49.2248, 45.4799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

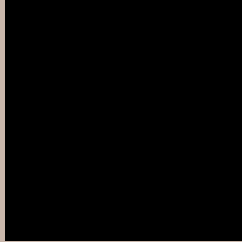
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3716, 49.2248, 45.4799

Background



This preview shows how black text looks on a background with the XYZ color 48.3716, 49.2248, 45.4799.



This preview shows how white text looks on a background with the XYZ color 48.3716, 49.2248,

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

48.3716, 49.2248, 45.4799

Protanopia

46.9976, 49.4338, 46.0944

Deuteranopia

50.3460, 49.3227, 45.8964



Tritanopia

50.9607, 49.3749, 57.8833

Trichromacy



Original Color

48.3716, 49.2248, 45.4799

Protanomaly

47.5603, 49.4122, 46.0605

Deuteranomaly

49.7024, 49.2917, 45.9244

Tritanomaly

50.0154, 49.2894, 53.3321

Monochromacy



Original Color

48.3716, 49.2248, 45.4799

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.6376, 49.6605, 50.7907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3716, 49.2248, 45.4799 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(201, 183, 171) looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 171)  
}
```

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(201, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 171) }
```

Border

The CSS property to change the border of an element to XYZ 48.3716, 49.2248, 45.4799 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(201, 183, 171) }
```


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

```
.border{ border-color:rgb(201, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3716, 49.2248, 45.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 171) }
```

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

```
.background{ background-color: rgb(201,  
183, 171) }
```

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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