

Converting Colors

XYZ(47.7759, 48.2781, 36.1590)

Have a look what the booklet for
XYZ(47.7759, 48.2781, 36.1590)
contains.

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Color

**XYZ(47.6393, 48.1423,
36.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB497
RGB	207, 180, 151
RGB Percent	81%, 71%, 59%
CMY	0.1882, 0.2941, 0.4078
CMYK	0.00, 0.13, 0.27, 0.19
HSL	31°, 37%, 70%
HSV	31°, 27%, 81%
XYZ	47.6393, 48.1423, 36.0597
YIQ	184.7670, 25.4010, -3.2950

Conversions

Conversions Part 2

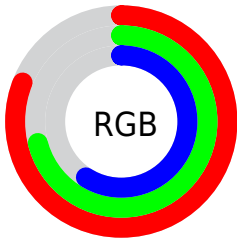
Format	Color
R_{YB}	203, 207, 151
Decimal	13612183
CIE _{Lab}	74.91, 5.30, 18.38
CIE _{LCh}	75, 19.125, 73.914
Yxy	48.1423, 0.3613, 0.3652
Android (android.graphics.Color)	4291802263 (0xFFCFB497)
YUV	184.7670, -16.6471, 19.4983
Hunter-Lab	69.3847, 1.1344, 17.7558

Details

The XYZ color **47.6393, 48.1423, 36.0597** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.9450, 42.9239, 65.2114**, and the grayscale version is **46.0653, 48.4643, 52.7776**.

A 20% lighter version of the original color is **82.2549, 85.6587, 69.9561**, and **22.8385, 22.7742, 15.2487** is the 20% darker color. If you saturate the color by 10%, you get **44.1614, 43.6447, 27.3221**, and if you desaturate by 10%, it is **51.5599, 53.0525, 46.4023**.

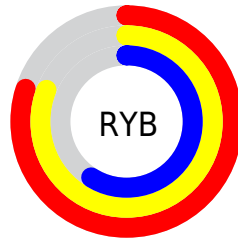
Distribution



Red (81%)

Green (71%)

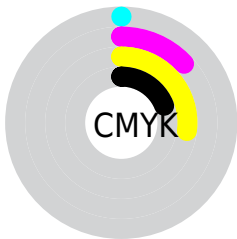
Blue (59%)



Red (80%)

Yellow (81%)

Blue (59%)

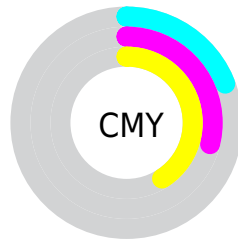


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (19%)



Cyan (19%)


Magenta (29%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.6393, 48.1423, 36.0597 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 47.6393, 48.1423, 36.0597 by changing the saturation by 10% instead.


 47.6393, 48.1423,
36.0597


 47.6393, 48.1423,
36.0597


367.9670,
379.3559, 344.2667

 33.7514, 33.9396,
24.1902


 85.8801, 87.4162,
70.2943

 22.8647, 22.8472,
15.2613


 110.9636,
113.2563, 93.4965

 14.6138, 14.4807,
8.8543


140.5098,
143.7442, 121.3134

 8.6333, 8.4558,
4.5508

174.8839,
179.2644, 154.1635

 4.5580, 4.3879,
1.9321

214.4513,
220.2012, 192.4653

 2.0224, 1.8929,
0.5130

259.5774,

 0.6465, 0.5441,

266.9392, 236.6374

0.0000

310.6276,
319.8626, 287.0984

■ 0.0000, 0.0000,
0.0000

■ 47.6393, 48.1423,
36.0597

■ 47.6393, 48.1423,
36.0597

■ 44.1614, 43.6447,
27.3221

■ 51.5599, 53.0525,
46.4023

■ 41.1041, 39.5408,
20.1041

■ 55.9368, 58.3803,
58.4231

■ 38.4486, 35.8198,
14.3170

■ 60.7875, 64.1390,
72.1946

■ 36.1730, 32.4678,
9.8615

■ 66.1273, 70.3391,
87.7841

■ 34.2529, 29.4697,
6.6256

■ 71.9708, 76.9908,
105.2551

■ 32.6602, 26.8086,
4.4781

■ 74.9063, 82.7336,
106.6289

■ 31.3582, 24.4640,
3.2445

■ 77.9232, 88.7675,
107.6346

■ 31.0121, 23.8253,
2.9642

■ 79.5422, 92.0054,
108.1742

Harmonies

Analogous

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



50.7557, 48.1423, 40.2053



47.6393, 48.1423, 36.0597



44.1656, 48.1423, 35.9133

Triad

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



47.6393, 48.1423, 36.0597



39.5580, 48.1423, 57.1695



50.5636, 48.1423, 67.4912

Complementary

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



47.6393, 48.1423, 36.0597



39.9450, 42.9239, 65.2114

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.



47.3879, 48.1423, 73.3357



47.6393, 48.1423, 36.0597



41.0993, 48.1423, 66.8846

Square

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



47.6393, 48.1423, 36.0597



39.6177, 48.1423, 47.2802



43.9265, 48.1423, 73.1005



52.5017, 48.1423, 57.9168

Rectangle

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



47.6393, 48.1423, 36.0597



42.1206, 48.1423, 38.0537



43.9265, 48.1423, 73.1005



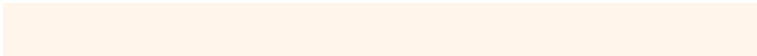
49.5986, 48.1423, 70.0083

Sweetspot

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



47.6406, 48.1445, 36.0607



88.8803, 92.6403, 91.4915



44.8417, 38.6162, 47.2453



18.7876, 19.5434, 18.9264



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.



47.6406, 48.1445, 36.0607



73.2914, 73.2322, 50.0108



53.3711, 59.9916, 38.0454



12.3079, 12.8066, 12.4353



19.6343, 15.2015, 1.8993



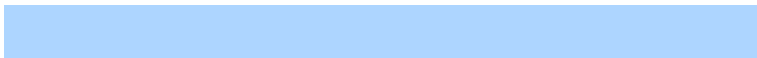
1.1771, 1.0085, 0.1326

Inverse Universe

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



39.9450, 42.9239, 65.2114



59.1002, 63.6059, 103.7700



35.2661, 33.3078, 63.6020



11.6272, 12.3447, 15.0136



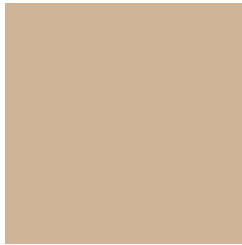
10.0481, 8.7428, 38.3504



0.6411, 0.6474, 2.1707

Previews

White Background



This preview shows how the XYZ color 47.6393, 48.1423, 36.0597 looks on a white background.

Color Contrast Check

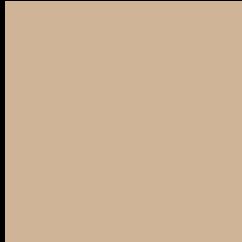
Large Text (above 18pt) WCAG AA × Fail

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 47.6393, 48.1423, 36.0597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

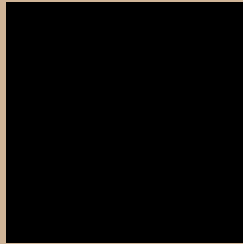
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6393, 48.1423, 36.0597

Background



This preview shows how black text looks on a background with the XYZ color 47.6393, 48.1423, 36.0597.



This preview shows how white text looks on a background with the XYZ color 47.6393, 48.1423,

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

47.6393, 48.1423, 36.0597

Protanopia

45.3959, 48.1830, 37.0446

Deuteranopia

49.1212, 48.0074, 36.3832



Tritanopia

51.2710, 48.1397, 54.1666

Trichromacy



Original Color

47.6393, 48.1423, 36.0597

Protanomaly

46.1542, 48.2761, 36.5914

Deuteranomaly

48.4519, 47.9567, 36.4086

Tritanomaly

50.0383, 48.2411, 47.2316

Monochromacy



Original Color

47.6393, 48.1423, 36.0597

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4686, 48.2216, 46.3937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6393, 48.1423, 36.0597 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(207, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(207, 180, 151)  
}
```

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(207, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 180, 151) }
```

Border

The CSS property to change the border of an element to XYZ 47.6393, 48.1423, 36.0597 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(207, 180, 151) }
```


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

```
.border{ border-color:rgb(207, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 180, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 180, 151); box-shadow:4px 4px 4px 4px rgb(207, 180, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6393, 48.1423, 36.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 180, 151) }
```

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

```
.background{ background-color: rgb(207,  
180, 151) }
```

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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