

Converting Colors

XYZ(48.1573, 48.9323, 37.7279)

Have a look what the booklet for
XYZ(48.1573, 48.9323, 37.7279)
contains.

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Color

**XYZ(48.0979, 48.9443,
37.9225)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CEB69B |
| RGB | 206, 182, 155 |
| RGB Percent | 81%, 71%, 61% |
| CMY | 0.1922, 0.2863, 0.3922 |
| CMYK | 0.00, 0.12, 0.25, 0.19 |
| HSL | 32°, 34%, 71% |
| HSV | 32°, 25%, 81% |
| XYZ | 48.0979, 48.9443, 37.9225 |
| YIQ | 186.0980, 22.9710, -3.3090 |

Conversions

Conversions Part 2

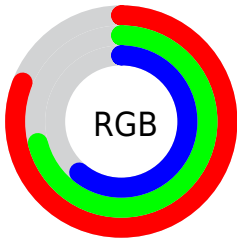
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 200, 206, 155 |
| Decimal | 13547163 |
| CIE Lab | 75.42, 4.41, 16.90 |
| CIE LCh | 75, 17.464, 75.389 |
| Yxy | 48.9443, 0.3564, 0.3626 |
| Android (android.graphics.Color) | 4291737243 (0xFFCEB69B) |
| YUV | 186.0980, -15.3313, 17.4541 |
| Hunter-Lab | 69.9602, 0.2891, 16.8335 |

Details

The XYZ color **48.0979, 48.9443, 37.9225** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7778, 43.6636, 64.6713**, and the grayscale version is **46.8023, 49.2397, 53.6220**.

A 20% lighter version of the original color is **83.4474, 87.0622, 73.3793**, and **23.1114, 23.2793, 16.3720** is the 20% darker color. If you saturate the color by 10%, you get **44.5969, 44.4787, 28.9361**, and if you desaturate by 10%, it is **52.0340, 53.8073, 48.5112**.

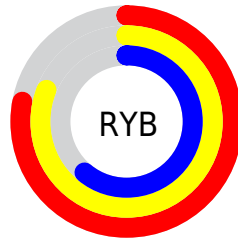
Distribution



Red (81%)

Green (71%)

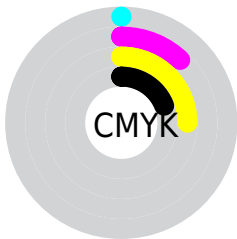
Blue (61%)



Red (78%)

Yellow (81%)

Blue (61%)

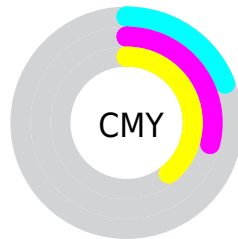


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (19%)



Cyan (19%)


Magenta (29%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.0979, 48.9443, 37.9225 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 48.0979, 48.9443, 37.9225 by changing the saturation by 10% instead.


 48.0979, 48.9443,
37.9225


 48.0979, 48.9443,
37.9225


369.7562,
382.5230, 352.5756

 34.1160, 34.5753,
25.6212


 86.5590, 88.6087,
73.1914

 23.1460, 23.3359,
16.3172


 111.7688,
114.6729, 96.9961

 14.8227, 14.8417,
9.5921


141.4521,
145.4043, 125.4724

 8.7805, 8.7084,
5.0273

175.9740,
181.1873, 159.0387

 4.6543, 4.5515,
2.2043

215.7001,
222.4063, 198.1136

 2.0785, 1.9866,
0.6768

260.9955,

 0.6775, 0.5997,

269.4456, 243.1158

0.0000

312.2258,
322.6897, 294.4636

■ 0.0000, 0.0000,
0.0000

■ 48.0979, 48.9443,
37.9225

■ 48.0979, 48.9443,
37.9225

■ 44.5969, 44.4787,
28.9361

■ 52.0340, 53.8073,
48.5112

■ 41.5096, 40.3921,
21.4691

■ 56.4180, 59.0718,
60.7733

■ 38.8179, 36.6748,
15.4358

■ 61.2669, 64.7506,
74.7794

■ 36.5010, 33.3135,
10.7406

■ 66.5954, 70.8536,
90.5948

■ 34.5357, 30.2942,
7.2761

■ 71.9305, 77.1955,
105.7168

■ 32.8954, 27.6011,
4.9180

■ 74.7105, 82.7556,
106.6435

■ 31.5482, 25.2162,
3.5150

■ 77.6430, 88.6206,
107.6210

■ 30.9305, 24.0756,
3.0168

■ 79.2636, 91.8618,
108.1612

Harmonies

Analogous

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



51.0007, 48.9443, 41.6497



48.0979, 48.9443, 37.9225



44.8979, 48.9443, 37.9722

Triad

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



48.0979, 48.9443, 37.9225



40.8076, 48.9443, 58.1326



51.0638, 48.9443, 66.7260

Complementary

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



48.0979, 48.9443, 37.9225



40.7778, 43.6636, 64.6713

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.



48.1809, 48.9443, 72.2611



48.0979, 48.9443, 37.9225



42.3099, 48.9443, 66.9238

Square

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



48.0979, 48.9443, 37.9225



40.7877, 48.9443, 48.9472



44.9772, 48.9443, 72.3374



52.7659, 48.9443, 57.8867

Rectangle

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



48.0979, 48.9443, 37.9225



43.0291, 48.9443, 40.1156



44.9772, 48.9443, 72.3374



50.1950, 48.9443, 69.0775

Sweetspot

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



48.0992, 48.9465, 37.9235



89.6871, 93.6613, 93.5871



45.3779, 39.8461, 48.2931



19.1015, 19.9338, 19.7631



0.0000, 0.0000, 0.0000



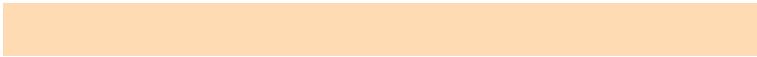
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0992, 48.9465, 37.9235



74.6595, 75.1611, 52.9557



53.2061, 59.5098, 39.6933



11.6958, 12.1806, 11.8141



19.1440, 15.0209, 1.8903



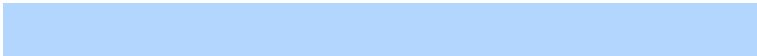
1.0632, 0.9261, 0.1227

Inverse Universe

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



40.7778, 43.6636, 64.6713



60.6966, 65.0873, 103.9718



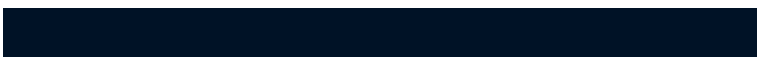
36.5438, 34.9525, 63.2130



11.0297, 11.6998, 14.2473



9.5833, 8.1907, 37.0321



0.5702, 0.5741, 1.9357

Previews

White Background



This preview shows how the XYZ color 48.0979, 48.9443, 37.9225 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 48.0979, 48.9443, 37.9225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

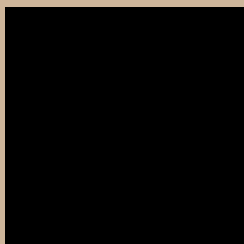
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0979, 48.9443, 37.9225

Background



This preview shows how black text looks on a background with the XYZ color 48.0979, 48.9443, 37.9225.



This preview shows how white text looks on a background with the XYZ color 48.0979, 48.9443,

37.9225.

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

48.0979, 48.9443, 37.9225

Protanopia

46.1997, 48.8680, 38.8958

Deuteranopia

49.8524, 48.9366, 38.2707



Tritanopia

51.7045, 48.9075, 56.0052

Trichromacy



Original Color

48.0979, 48.9443, 37.9225

Protanomaly

46.9607, 48.9606, 38.4277

Deuteranomaly

49.1860, 48.8917, 38.2972

Tritanomaly

50.4505, 49.0099, 48.9203

Monochromacy



Original Color

48.0979, 48.9443, 37.9225

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.0791, 49.1305, 47.5592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0979, 48.9443, 37.9225 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, 155) looks like.

```
.text, #text, p{  
    color:rgb(206, 182, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 182, 155) }
```

Border

The CSS property to change the border of an element to XYZ 48.0979, 48.9443, 37.9225 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, 155) }
```


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

```
.border{ border-color:rgb(206, 182, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 182, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 182, 155);  
box-shadow:4px 4px 4px 4px rgb(206, 182,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0979, 48.9443, 37.9225 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, 155) }
```

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

```
.background{ background-color: rgb(206,  
182, 155) }
```

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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