

Converting Colors

XYZ(47.0242, 50.8984, 23.5656)

Have a look what the booklet for
XYZ(47.0242, 50.8984, 23.5656)
contains.

XYZ(47.0242, 50.8984, 23.5656)	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(47.0242, 50.8984,
23.5656)**

Conversions

Conversions Part 1

Format	Color
Hex	CFBD73
RGB	207, 189, 115
RGB Percent	81%, 74%, 45%
CMY	0.1882, 0.2588, 0.5490
CMYK	0.00, 0.09, 0.44, 0.19
HSL	48°, 49%, 63%
HSV	48°, 44%, 81%
XYZ	47.0242, 50.8984, 23.5656
YIQ	185.9460, 34.4820, -19.1980

Conversions

Conversions Part 2

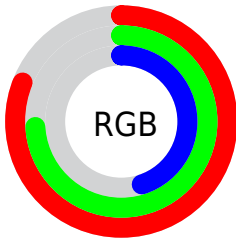
Format	Color
RYB	137, 207, 115
Decimal	13614451
CIELab	76.62, -3.76, 39.61
CIELCh	77, 39.783, 95.420
Yxy	50.8984, 0.3871, 0.4190
Android (android.graphics.Color)	4291804531 (0xFFCFBD73)
YUV	185.9460, -34.9764, 18.4644
Hunter-Lab	71.3431, -7.1962, 30.3559

Details

The XYZ color **47.0242, 50.8984, 23.5656** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.7200, 24.9240, 62.4338**, and the grayscale version is **46.8192, 49.2574, 53.6413**.

A 20% lighter version of the original color is **80.9603, 89.3920, 50.0331**, and **22.5208, 24.5693, 8.5564** is the 20% darker color. If you saturate the color by 10%, you get **45.1059, 48.7588, 17.6950**, and if you desaturate by 10%, it is **49.2368, 53.1984, 30.8550**.

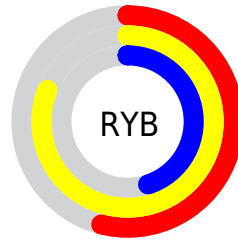
Distribution



Red (81%)

Green (74%)

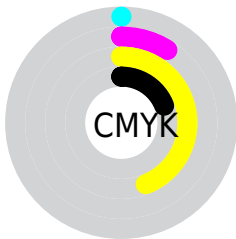
Blue (45%)



Red (54%)

Yellow (81%)

Blue (45%)

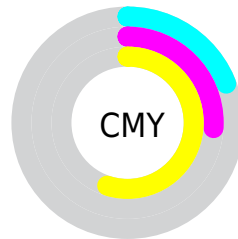


Cyan (0%)

Magenta (9%)

Yellow (44%)

Black (19%)



Cyan (19%)

Magenta (26%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0242, 50.8984, 23.5656 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 47.0242, 50.8984, 23.5656 by changing the saturation by 10% instead.

■ 47.0242, 50.8984,
23.5656

■ 47.0242, 50.8984,
23.5656

365.5584,
390.1689, 283.8324

■ 33.2628, 36.1278,
14.8025

■ 84.9683, 91.5046,
50.2553

■ 22.4881, 24.5329,
8.5358

■ 109.8817,
118.1089, 69.0190

■ 14.3346, 15.7294,
4.3470

■ 139.2431,
149.4266, 91.9532

■ 8.4370, 9.3329,
1.8176

173.4179,
185.8420, 119.4766

■ 4.4300, 4.9589,
0.4395

212.7715,
227.7395, 152.0077

■ 1.9481, 2.2232,
0.0000

257.6692,

■ 0.6046, 0.7326,

275.5036, 189.9650

0.0000

308.4764,
329.5186, 233.7670

■ 0.0000, 0.0000,
0.0000

■ 47.0242, 50.8984,
23.5656

■ 47.0242, 50.8984,
23.5656

■ 45.1059, 48.7588,
17.6950

■ 49.2368, 53.1984,
30.8550

■ 43.4599, 46.7647,
13.1445

■ 51.7566, 55.6586,
39.6466

■ 42.0667, 44.9102,
9.8078

■ 54.6001, 58.2879,
50.0213

■ 40.9027, 43.1852,
7.5607

■ 57.7816, 61.0921,
62.0530

■ 39.9390, 41.5780,
6.2524

■ 61.3144, 64.0771,
75.8111

■ 39.4615, 40.7242,
5.7807

■ 65.2112, 67.2480,
91.3611

■ 68.6844, 70.2901,
104.5550

■ 69.7431, 72.4075,
104.9079

■ 70.8276, 74.5765,
105.2694

Harmonies

Analogous

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



54.6464, 50.8984, 25.6416



47.0242, 50.8984, 23.5656



40.4700, 50.8984, 28.0538

Triad

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



47.0242, 50.8984, 23.5656



37.5223, 50.8984, 83.0588



62.7577, 50.8984, 74.4970

Complementary

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



47.0242, 50.8984, 23.5656



26.7200, 24.9240, 62.4338

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.



57.2531, 50.8984, 96.4922



47.0242, 50.8984, 23.5656



42.6071, 50.8984, 102.2656

Square

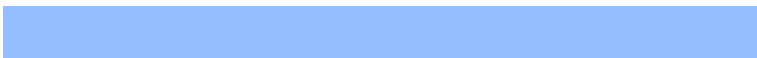
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.0242, 50.8984, 23.5656



35.3602, 50.8984, 59.4247



49.7563, 50.8984, 107.7287



64.2515, 50.8984, 51.5989

Rectangle

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



47.0242, 50.8984, 23.5656



37.4198, 50.8984, 35.0781



49.7563, 50.8984, 107.7287



61.2890, 50.8984, 82.4097

Sweetspot

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



47.0254, 50.9008, 23.5666



88.1310, 93.9785, 82.4965



36.1245, 27.2319, 25.6884



18.6325, 19.9069, 16.7979



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.



47.0254, 50.9008, 23.5666



72.5203, 78.4109, 29.0342



44.0905, 55.4948, 24.6081



12.5988, 13.3883, 12.5322



24.9297, 25.7924, 3.6645



1.4454, 1.5450, 0.2220

Inverse Universe

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



26.7200, 24.9240, 62.4338



36.0977, 31.8480, 98.8525



28.6522, 22.5711, 61.8778



11.3482, 11.7867, 14.9206



7.6375, 3.9215, 37.5469



0.4834, 0.3319, 2.1182

Previews

White Background



This preview shows how the XYZ color 47.0242, 50.8984, 23.5656 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 47.0242, 50.8984, 23.5656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

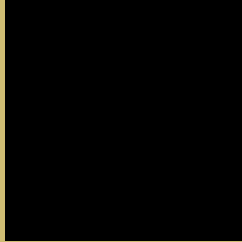
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0242, 50.8984, 23.5656

Background



This preview shows how black text looks on a background with the XYZ color 47.0242, 50.8984, 23.5656.



This preview shows how white text looks on a background with the XYZ color 47.0242, 50.8984,

23.5656.

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

47.0242, 50.8984, 23.5656

Protanopia

47.0242, 50.8984, 23.5656

Deuteranopia

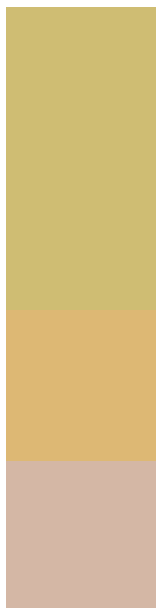
52.0479, 50.9901, 23.9285



Tritanopia

54.0832, 50.9846, 58.0295

Trichromacy



Original Color

47.0242, 50.8984, 23.5656

Protanomaly

47.0242, 50.8984, 23.5656

Deuteranomaly

50.1117, 50.9141, 23.7092

Tritanomaly

50.8764, 50.5806, 42.6789

Monochromacy



Original Color

47.0242, 50.8984, 23.5656

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.3636, 49.5480, 40.3778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0242, 50.8984, 23.5656 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, 189, 115)` looks like.

```
.text, #text, p{  
    color:rgb(207, 189, 115)  
}
```

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, 189, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 115) }
```

Border

The CSS property to change the border of an element to XYZ 47.0242, 50.8984, 23.5656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

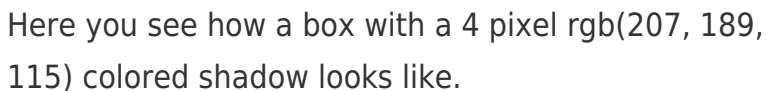
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 189, 115) }
```


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

```
.border{ border-color:rgb(207, 189, 115) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 189, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 189, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 189, 115);  
box-shadow:4px 4px 4px 4px rgb(207, 189,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0242, 50.8984, 23.5656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 115) }
```

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

```
.background{ background-color: rgb(207,  
189, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor