

Converting Colors

XYZ(47.3842, 48.2791, 38.2552)

Have a look what the booklet for
XYZ(47.3842, 48.2791, 38.2552)
contains.

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Color

**XYZ(47.4265, 48.2854,
38.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB59C
RGB	204, 181, 156
RGB Percent	80%, 71%, 61%
CMY	0.2000, 0.2902, 0.3882
CMYK	0.00, 0.11, 0.24, 0.20
HSL	31°, 32%, 71%
HSV	31°, 24%, 80%
XYZ	47.4265, 48.2854, 38.2729
YIQ	185.0270, 21.7330, -2.8990

Conversions

Conversions Part 2

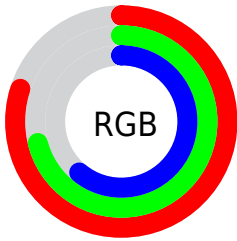
Format	Color
RYB	200, 204, 156
Decimal	13415836
CIELab	75.00, 4.32, 15.76
CIELCh	75, 16.338, 74.672
Yxy	48.2854, 0.3540, 0.3604
Android (android.graphics.Color)	4291605916 (0xFFCCB59C)
YUV	185.0270, -14.3103, 16.6393
Hunter-Lab	69.4877, 0.2257, 15.9852

Details

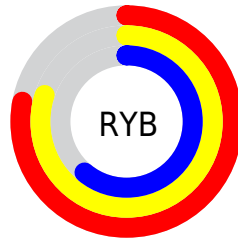
The XYZ color **47.4265, 48.2854, 38.2729** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7293, 43.6668, 63.4090**, and the grayscale version is **46.1988, 48.6047, 52.9305**.

A 20% lighter version of the original color is **83.2821, 86.5315, 73.9408**, and **22.6634, 22.8478, 16.5802** is the 20% darker color. If you saturate the color by 10%, you get **43.9244, 43.8171, 29.2868**, and if you desaturate by 10%, it is **51.3608, 53.1530, 48.8355**.

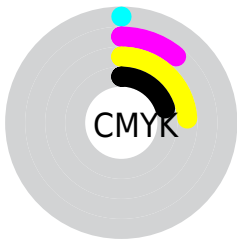
Distribution



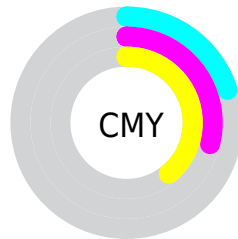
- Red (80%)
- Green (71%)
- Blue (61%)



- Red (78%)
- Yellow (80%)
- Blue (61%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4265, 48.2854, 38.2729 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 47.4265, 48.2854, 38.2729 by changing the saturation by 10% instead.


 47.4265, 48.2854,
38.2729


 47.4265, 48.2854,
38.2729


367.1349,
379.9223, 354.1224

 33.5823, 34.0530,
25.8911


 85.5648, 87.6292,
73.7343

 22.7343, 22.9343,
16.5171


 110.5896,
113.5093, 97.6509

 14.5170, 14.5450,
9.7325

140.0719,
144.0408, 126.2496

 8.5652, 8.5007,
5.1187

174.3773,
179.6080, 159.9489

 4.5135, 4.4170,
2.2571

213.8708,
220.5954, 199.1673

 1.9966, 1.9094,
0.7070

258.9181,

 0.6320, 0.5540,

267.3873, 244.3233

0.0000

309.8843,
320.3681, 295.8355

■ 0.0000, 0.0000,
0.0000

■ 47.4265, 48.2854,
38.2729

■ 47.4265, 48.2854,
38.2729

■ 43.9244, 43.8171,
29.2868

■ 51.3608, 53.1530,
48.8355

■ 40.8332, 39.7301,
21.7970

■ 55.7396, 58.4242,
61.0435

■ 38.1357, 36.0144,
15.7207

■ 60.5796, 64.1116,
74.9652

■ 35.8115, 32.6570,
10.9656

■ 65.8952, 70.2252,
90.6643

■ 33.8379, 29.6439,
7.4286

■ 71.2131, 76.5797,
105.6358

■ 32.1894, 26.9595,
4.9905

■ 74.0077, 82.1689,
106.5673

■ 30.8356, 24.5863,
3.5080

■ 76.9572, 88.0678,
107.5505

■ 30.0836, 23.2006,
2.8926

■ 78.7120, 91.5775,
108.1354

Harmonies

Analogous

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



50.0939, 48.2854, 41.8529



47.4265, 48.2854, 38.2729



44.4567, 48.2854, 38.2335

Triad

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



47.4265, 48.2854, 38.2729



40.5668, 48.2854, 56.8449



50.0447, 48.2854, 65.1402

Complementary

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



47.4265, 48.2854, 38.2729



40.7293, 43.6668, 63.4090

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.



47.3616, 48.2854, 70.1165



47.4265, 48.2854, 38.2729



41.9353, 48.2854, 64.9867

Square

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



47.4265, 48.2854, 38.2729



40.5825, 48.2854, 48.3515



44.3945, 48.2854, 70.0575



51.6495, 48.2854, 57.0367

Rectangle

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



47.4265, 48.2854, 38.2729



42.7083, 48.2854, 40.1913



44.3945, 48.2854, 70.0575



49.2340, 48.2854, 67.2712

Sweetspot

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



47.4278, 48.2876, 38.2739



89.6403, 93.5678, 93.5716



44.9478, 39.8777, 48.0827



19.0907, 19.9121, 19.7595



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.



47.4278, 48.2876, 38.2739



75.6518, 76.3078, 55.8695



52.2772, 58.3111, 39.9530



11.6877, 12.1643, 11.8114



19.0287, 14.7903, 1.8519



1.0574, 0.9145, 0.1208

Inverse Universe

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



40.7293, 43.6668, 63.4090



62.7428, 67.4036, 104.3110



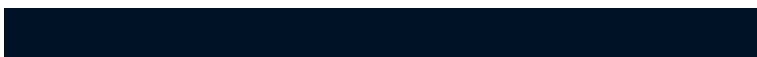
36.6538, 35.2853, 62.0060



11.0377, 11.7159, 14.2500



9.6855, 8.3951, 37.0662



0.5755, 0.5848, 1.9375

Previews

White Background



This preview shows how the XYZ color 47.4265, 48.2854, 38.2729 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 47.4265, 48.2854, 38.2729 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

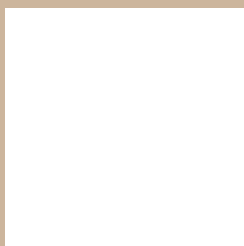
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.4265, 48.2854, 38.2729

Background



This preview shows how black text looks on a background with the XYZ color 47.4265, 48.2854, 38.2729.



This preview shows how white text looks on a background with the XYZ color 47.4265, 48.2854,

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

47.4265, 48.2854, 38.2729

Protanopia

45.5602, 48.2189, 39.2537

Deuteranopia

49.4468, 48.4212, 38.6384



Tritanopia

50.8320, 48.1783, 55.3354

Trichromacy



Original Color

47.4265, 48.2854, 38.2729

Protanomaly

46.3080, 48.3071, 38.7818

Deuteranomaly

48.7842, 48.3762, 38.6646

Tritanomaly

49.6884, 48.3205, 48.8274

Monochromacy



Original Color

47.4265, 48.2854, 38.2729

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.5187, 48.5434, 46.9624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4265, 48.2854, 38.2729 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(204, 181, 156) looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 156)  
}
```

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(204, 181, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 156) }
```

Border

The CSS property to change the border of an element to XYZ 47.4265, 48.2854, 38.2729 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(204, 181, 156) }
```


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

```
.border{ border-color:rgb(204, 181, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 156);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4265, 48.2854, 38.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 156) }
```

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

```
.background{ background-color: rgb(204,  
181, 156) }
```

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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