

Converting Colors

XYZ(43.8646, 47.2415, 18.3421)

Have a look what the booklet for
XYZ(43.8646, 47.2415, 18.3421)
contains.

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Color

**XYZ(43.8344, 47.1751,
18.3507)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CCB662 |
| RGB | 204, 182, 98 |
| RGB Percent | 80%, 71%, 38% |
| CMY | 0.2000, 0.2863, 0.6157 |
| CMYK | 0.00, 0.11, 0.52, 0.20 |
| HSL | 48°, 51%, 59% |
| HSV | 48°, 52%, 80% |
| XYZ | 43.8344, 47.1751, 18.3507 |
| YIQ | 179.0020, 40.0760, -21.4600 |

Conversions

Conversions Part 2

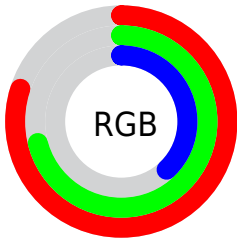
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 126, 204, 98 |
| Decimal | 13416034 |
| CIELab | 74.30, -2.93, 45.22 |
| CIELCh | 74, 45.313, 93.704 |
| Yxy | 47.1751, 0.4008, 0.4314 |
| Android (android.graphics.Color) | 4291606114 (0xFFCCB662) |
| YUV | 179.0020, -39.9340, 21.9232 |
| Hunter-Lab | 68.6841, -6.2780, 32.2381 |

Details

The XYZ color **43.8344, 47.1751, 18.3507** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.6524, 20.3886, 59.8680**, and the grayscale version is **43.0410, 45.2825, 49.3126**.

A 20% lighter version of the original color is **77.4004, 84.6434, 41.5365**, and **20.5965, 22.2098, 5.9977** is the 20% darker color. If you saturate the color by 10%, you get **42.1378, 45.1320, 13.6237**, and if you desaturate by 10%, it is **45.8049, 49.3733, 24.3810**.

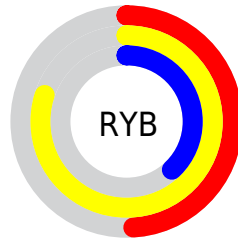
Distribution



Red (80%)

Green (71%)

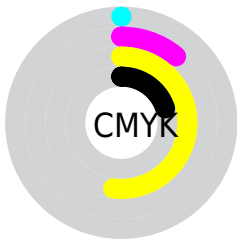
Blue (38%)



Red (49%)

Yellow (80%)

Blue (38%)

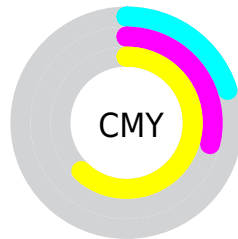


Cyan (0%)

Magenta (11%)

Yellow (52%)

Black (20%)



Cyan (20%)

Magenta (29%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8344, 47.1751, 18.3507 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 43.8344, 47.1751, 18.3507 by changing the saturation by 10% instead.

43.8344, 47.1751,
18.3507

43.8344, 47.1751,
18.3507

352.8957,
375.5130, 255.1426

30.7377, 33.1741,
11.0300

80.2164, 85.9749,
41.4560

20.5500, 22.2599,
5.9726

104.2324,
111.5426, 58.0777

12.9061, 14.0480,
2.7599

132.6188,
141.7345, 78.6368

7.4405, 8.1540,
0.9734

165.7411,
176.9352, 103.5519

3.7878, 4.1937,
0.0000

203.9646,
217.5290, 133.2414

1.5828, 1.7825,
0.0000

247.6546,

0.3812, 0.4762,

263.9003, 168.1241

0.0000

297.1766,
316.4335, 208.6182

■ 0.0000, 0.0000,
0.0000

■ 43.8344, 47.1751,
18.3507

■ 43.8344, 47.1751,
18.3507

■ 42.1378, 45.1320,
13.6237

■ 45.8049, 49.3733,
24.3810

■ 40.6926, 43.2292,
10.0968

■ 48.0632, 51.7271,
31.8016

■ 39.4776, 41.4598,
7.6559

■ 50.6263, 54.2454,
40.6952

■ 38.4667, 39.8127,
6.1634

■ 53.5085, 56.9344,
51.1372

■ 37.7640, 38.5618,
5.4528

■ 56.7235, 59.7999,
63.1979

■ 60.2840, 62.8473,
76.9433

■ 64.2021, 66.0817,
92.4356

■ 67.4741, 69.1021,
104.3895

■ 68.5718, 71.2974,
104.7554

Harmonies

Analogous

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



52.1398, 47.1751, 20.7367



43.8344, 47.1751, 18.3507



36.6981, 47.1751, 22.3600

Triad

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



43.8344, 47.1751, 18.3507



33.0319, 47.1751, 80.4880



60.3941, 47.1751, 73.9056

Complementary

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



43.8344, 47.1751, 18.3507



22.6524, 20.3886, 59.8680

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.



54.1017, 47.1751, 98.4385



43.8344, 47.1751, 18.3507



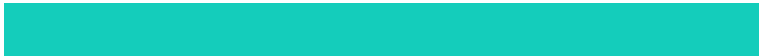
38.2528, 47.1751, 102.9769

Square

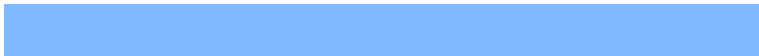
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.8344, 47.1751, 18.3507



30.9566, 47.1751, 54.3179



45.8579, 47.1751, 110.3772



62.3514, 47.1751, 48.5223

Rectangle

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



43.8344, 47.1751, 18.3507



33.3643, 47.1751, 29.1285



45.8579, 47.1751, 110.3772



58.6812, 47.1751, 82.7505

Sweetspot

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



43.8355, 47.1773, 18.3517



86.5216, 92.3621, 77.0198



32.7189, 22.9529, 20.7849



18.3069, 19.5709, 15.7171



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.



43.8355, 47.1773, 18.3517



69.5659, 74.4671, 21.9919



41.2458, 53.0624, 19.6241



11.9485, 12.6860, 11.8983



23.8379, 24.4087, 3.4550



1.2808, 1.3613, 0.1953

Inverse Universe

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



22.6524, 20.3886, 59.8680



30.9126, 25.6430, 97.9281



24.1743, 17.6874, 59.2664



10.7872, 11.2149, 14.1665



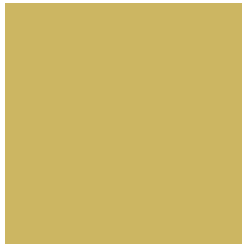
7.4433, 3.9107, 36.3188



0.4400, 0.3139, 1.8923

Previews

White Background



This preview shows how the XYZ color 43.8344, 47.1751, 18.3507 looks on a white background.

Color Contrast Check

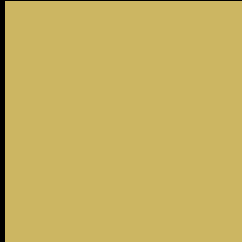
Large Text (above 18pt) WCAG AA × Fail

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 43.8344, 47.1751, 18.3507 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 43.8344, 47.1751, 18.3507

Background



This preview shows how black text looks on a background with the XYZ color 43.8344, 47.1751, 18.3507.



This preview shows how white text looks on a background with the XYZ color 43.8344, 47.1751,

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

43.8344, 47.1751, 18.3507

Protanopia

43.2255, 47.1663, 18.3811

Deuteranopia

48.1768, 47.0395, 18.5969



Tritanopia

50.6609, 47.0049, 52.3017

Trichromacy



Original Color

43.8344, 47.1751, 18.3507

Protanomaly

43.4952, 47.3054, 18.3937

Deuteranomaly

46.5895, 47.0968, 18.4394

Tritanomaly

47.5696, 46.9059, 36.6835

Monochromacy



Original Color

43.8344, 47.1751, 18.3507

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.5653, 45.5359, 35.4000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8344, 47.1751, 18.3507 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, 182, 98)` looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 98)  
}
```

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, 182, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 98) }
```

Border

The CSS property to change the border of an element to XYZ 43.8344, 47.1751, 18.3507 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, 182, 98) }
```


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

```
.border{ border-color:rgb(204, 182, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 182, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 98);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8344, 47.1751, 18.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 182, 98) }
```

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

```
.background{ background-color: rgb(204,  
182, 98) }
```

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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