

Converting Colors

XYZ(42.3711, 47.0331, 18.4004)

Have a look what the booklet for
XYZ(42.3711, 47.0331, 18.4004)
contains.

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Color

**XYZ(42.3711, 47.0331,
18.4004)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B862
RGB	197, 184, 98
RGB Percent	77%, 72%, 38%
CMY	0.2275, 0.2784, 0.6157
CMYK	0.00, 0.07, 0.50, 0.23
HSL	52°, 46%, 58%
HSV	52°, 50%, 77%
XYZ	42.3711, 47.0331, 18.4004
YIQ	178.0830, 35.3540, -23.9900

Conversions

Conversions Part 2

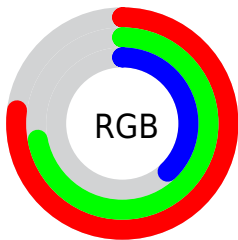
Format	Color
RYB	113, 197, 98
Decimal	12957794
CIELab	74.21, -6.88, 44.96
CIELCh	74, 45.486, 98.705
Yxy	47.0331, 0.3930, 0.4363
Android (android.graphics.Color)	4291147874 (0xFFC5B862)
YUV	178.0830, -39.4809, 16.5902
Hunter-Lab	68.5807, -9.7338, 32.0988

Details

The XYZ color **42.3711, 47.0331, 18.4004** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.7995, 17.9964, 55.2007**, and the grayscale version is **42.5512, 44.7672, 48.7514**.

A 20% lighter version of the original color is **77.9860, 85.8145, 41.7317**, and **19.6343, 22.1087, 6.0289** is the 20% darker color. If you saturate the color by 10%, you get **41.0212, 45.6432, 13.9127**, and if you desaturate by 10%, it is **43.9620, 48.5386, 24.0989**.

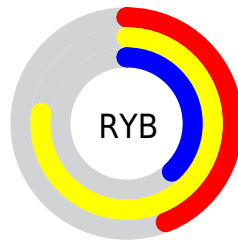
Distribution



Red (77%)

Green (72%)

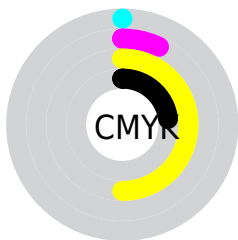
Blue (38%)



Red (44%)

Yellow (77%)

Blue (38%)

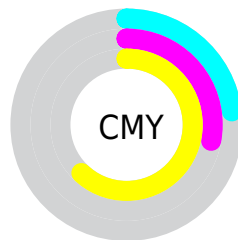


Cyan (0%)

Magenta (7%)

Yellow (50%)

Black (23%)



Cyan (23%)

Magenta (28%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3711, 47.0331, 18.4004 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 42.3711, 47.0331, 18.4004 by changing the saturation by 10% instead.

■ 42.3711, 47.0331,
18.4004

■ 42.3711, 47.0331,
18.4004

346.9845,
374.9466, 255.4298

■ 29.5844, 33.0618,
11.0654

■ 78.0226, 85.7630,
41.5415

■ 19.6698, 22.1738,
5.9961

■ 101.6181,
111.2905, 58.1848

■ 12.2621, 13.9847,
2.7740

■ 129.5472,
141.4388, 78.7679

■ 6.9959, 8.1100,
0.9804

■ 162.1753,
176.5923, 103.7093

■ 3.5059, 4.1654,
0.0000

199.8677,
217.1354, 133.4277

■ 1.4266, 1.7665,
0.0000

242.9898,

■ 0.2750, 0.4662,

263.4526, 168.3416

0.0000

291.9069,
315.9282, 208.8694

■ 0.0000, 0.0000,
0.0000

■ 42.3711, 47.0331,
18.4004

■ 42.3711, 47.0331,
18.4004

■ 41.0212, 45.6432,
13.9127

■ 43.9620, 48.5386,
24.0989

■ 39.8918, 44.3553,
10.5427

■ 45.8059, 50.1594,
31.0861

■ 38.9644, 43.1639,
8.1888

■ 47.9181, 51.9034,
39.4370

■ 38.2159, 42.0594,
6.7293

■ 50.3116, 53.7758,
49.2199

■ 37.6155, 41.0493,
5.9408

■ 52.9985, 55.7816,
60.4986

■ 55.9903, 57.9255,
73.3329

■ 59.2977, 60.2119,
87.7794

■ 62.8338, 62.6060,
103.3802

■ 63.4563, 63.8510,
103.5877

Harmonies

Analogous

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



50.6466, 47.0331, 19.7197



42.3711, 47.0331, 18.4004



35.5938, 47.0331, 23.5420

Triad

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



42.3711, 47.0331, 18.4004



33.5444, 47.0331, 84.7566



60.9715, 47.0331, 69.3229

Complementary

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



42.3711, 47.0331, 18.4004



20.7995, 17.9964, 55.2007

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.



55.2485, 47.0331, 94.8839



42.3711, 47.0331, 18.4004



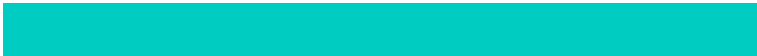
39.2446, 47.0331, 105.5154

Square

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



42.3711, 47.0331, 18.4004



30.9201, 47.0331, 58.3161



47.1201, 47.0331, 109.6990



62.0733, 47.0331, 44.7079

Rectangle

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



42.3711, 47.0331, 18.4004



32.5934, 47.0331, 31.2382



47.1201, 47.0331, 109.6990



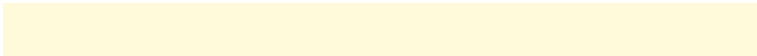
59.4937, 47.0331, 78.2748

Sweetspot

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



42.3722, 47.0353, 18.4014



87.9110, 94.6150, 79.1044



30.2743, 21.7583, 17.7015



18.6227, 20.0990, 16.1416



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.



42.3722, 47.0353, 18.4014



73.3226, 81.5881, 24.4539



36.8087, 48.3604, 18.9504



11.4006, 12.1703, 11.3110



24.7852, 27.0875, 3.9221



1.2075, 1.3504, 0.1970

Inverse Universe

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



20.7995, 17.9964, 55.2007



30.4993, 23.9844, 97.6297



24.3256, 17.8602, 54.9886



10.1671, 10.5082, 13.4099



6.9048, 3.2035, 34.9988



0.3647, 0.2273, 1.6698

Previews

White Background



This preview shows how the XYZ color 42.3711, 47.0331, 18.4004 looks on a white background.

Color Contrast Check

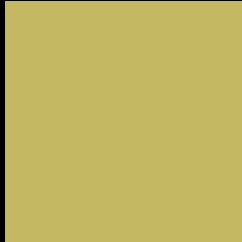
Large Text (above 18pt) WCAG AA × Fail

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 42.3711, 47.0331, 18.4004 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 42.3711, 47.0331, 18.4004

Background



This preview shows how black text looks on a background with the XYZ color 42.3711, 47.0331, 18.4004.



This preview shows how white text looks on a background with the XYZ color 42.3711, 47.0331,

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

42.3711, 47.0331, 18.4004

Protanopia

43.2255, 47.1663, 18.3811

Deuteranopia

47.8677, 46.8802, 18.5825



Tritanopia

49.5593, 46.9818, 53.4700

Trichromacy



Original Color

42.3711, 47.0331, 18.4004

Protanomaly

42.9575, 47.0282, 18.3685

Deuteranomaly

45.9041, 47.0378, 18.4642

Tritanomaly

46.4654, 46.9039, 37.6147

Monochromacy



Original Color

42.3711, 47.0331, 18.4004

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7537, 45.1267, 34.9434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3711, 47.0331, 18.4004 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(197, 184, 98)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 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(197, 184, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 98) }
```

Border

The CSS property to change the border of an element to XYZ 42.3711, 47.0331, 18.4004 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(197, 184, 98) }
```


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

```
.border{ border-color:rgb(197, 184, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 98);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3711, 47.0331, 18.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 98) }
```

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

```
.background{ background-color: rgb(197,  
184, 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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