

Converting Colors

XYZ(42.5071, 47.0607, 18.1756)

Have a look what the booklet for
XYZ(42.5071, 47.0607, 18.1756)
contains.

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Color

**XYZ(42.5869, 47.1498,
18.1655)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B861
RGB	198, 184, 97
RGB Percent	78%, 72%, 38%
CMY	0.2235, 0.2784, 0.6196
CMYK	0.00, 0.07, 0.51, 0.22
HSL	52°, 47%, 58%
HSV	52°, 51%, 78%
XYZ	42.5869, 47.1498, 18.1655
YIQ	178.2680, 36.2710, -24.0890

Conversions

Conversions Part 2

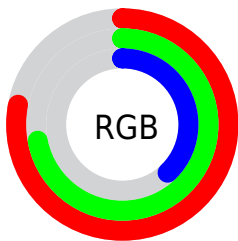
Format	Color
RYB	113, 198, 97
Decimal	13023329
CIELab	74.29, -6.56, 45.56
CIELCh	74, 46.033, 98.190
Yxy	47.1498, 0.3947, 0.4370
Android (android.graphics.Color)	4291213409 (0xFFC6B861)
YUV	178.2680, -40.0651, 17.3050
Hunter-Lab	68.6657, -9.4582, 32.3808

Details

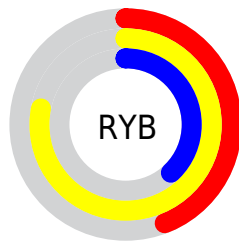
The XYZ color **42.5869, 47.1498, 18.1655** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.8072, 17.9870, 55.8012**, and the grayscale version is **42.6521, 44.8733, 48.8670**.

A 20% lighter version of the original color is **77.9051, 85.7822, 41.3057**, and **19.7648, 22.1806, 5.8243** is the 20% darker color. If you saturate the color by 10%, you get **41.2125, 45.6987, 13.7073**, and if you desaturate by 10%, it is **44.2050, 48.7196, 23.8427**.

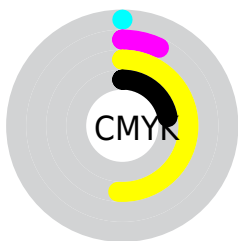
Distribution



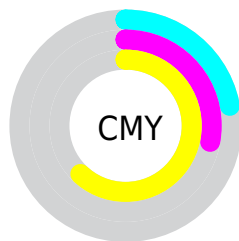
- Red (78%)
- Green (72%)
- Blue (38%)



- Red (44%)
- Yellow (78%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (51%)
- Black (22%)



- Cyan (22%)
- Magenta (28%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5869, 47.1498, 18.1655 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 42.5869, 47.1498, 18.1655 by changing the saturation by 10% instead.

■ 42.5869, 47.1498,
18.1655

■ 42.5869, 47.1498,
18.1655

347.8605,
375.4122, 254.0696

■ 29.7542, 33.1541,
10.8982

■ 78.3467, 85.9372,
41.1369

■ 19.7993, 22.2445,
5.8851

■ 102.0046,
111.4977, 57.6780

■ 12.3566, 14.0367,
2.7077

■ 130.0015,
141.6818, 78.1476

■ 7.0610, 8.1462,
0.9473

■ 162.7030,
176.8741, 102.9640

■ 3.5469, 4.1886,
0.0000

200.4742,
217.4589, 132.5459

■ 1.4492, 1.7796,
0.0000

243.6807,

■ 0.2908, 0.4744,

263.8206, 167.3117

0.0000

292.6876,
316.3435, 207.6801

■ 0.0000, 0.0000,
0.0000

■ 42.5869, 47.1498,
18.1655

■ 42.5869, 47.1498,
18.1655

■ 41.2125, 45.6987,
13.7073

■ 44.2050, 48.7196,
23.8427

■ 40.0609, 44.3525,
10.3732

■ 46.0793, 50.4079,
30.8187

■ 39.1133, 43.1054,
8.0590

■ 48.2251, 52.2227,
39.1697

■ 38.3457, 41.9477,
6.6395

■ 50.6557, 54.1694,
48.9653

■ 37.7694, 40.9671,
5.9168

■ 53.3836, 56.2531,
60.2703

■ 56.4204, 58.4785,
73.1457

■ 59.7769, 60.8501,
87.6490

■ 63.3989, 63.3462,
103.4933

■ 64.0650, 64.6784,
103.7153

Harmonies

Analogous

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



50.9863, 47.1498, 19.6002



42.5869, 47.1498, 18.1655



35.6836, 47.1498, 23.2170

Triad

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



42.5869, 47.1498, 18.1655



33.4414, 47.1498, 84.9596



61.2599, 47.1498, 70.1864

Complementary

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



42.5869, 47.1498, 18.1655



20.8072, 17.9870, 55.8012

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.



55.3835, 47.1498, 96.0992



42.5869, 47.1498, 18.1655



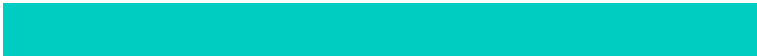
39.1620, 47.1498, 106.2948

Square

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



42.5869, 47.1498, 18.1655



30.8447, 47.1498, 58.1036



47.1184, 47.1498, 110.9009



62.4701, 47.1498, 45.1193

Rectangle

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



42.5869, 47.1498, 18.1655



32.6131, 47.1498, 30.8790



47.1184, 47.1498, 110.9009



59.7328, 47.1498, 79.2813

Sweetspot

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



42.5880, 47.1520, 18.1665



87.8243, 94.4416, 79.0755



30.4967, 21.7288, 17.9604



18.6016, 20.0568, 16.1346



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.



42.5880, 47.1520, 18.1665



72.7791, 80.7002, 23.6583



37.3847, 49.0010, 18.7976



11.3938, 12.1567, 11.3087



24.6092, 26.7356, 3.8634



1.2007, 1.3368, 0.1947

Inverse Universe

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



20.8072, 17.9870, 55.8012



30.0827, 23.5738, 97.5724



24.0387, 17.5610, 55.5487



10.1733, 10.5206, 13.4120



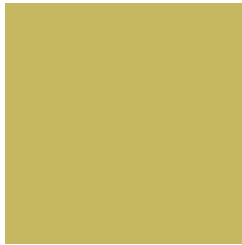
6.9276, 3.2491, 35.0064



0.3676, 0.2329, 1.6707

Previews

White Background



This preview shows how the XYZ color 42.5869, 47.1498, 18.1655 looks on a white background.

Color Contrast Check

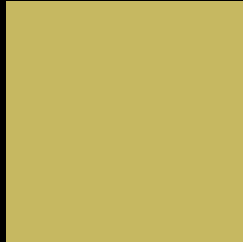
Large Text (above 18pt) WCAG AA × Fail

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 42.5869, 47.1498, 18.1655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

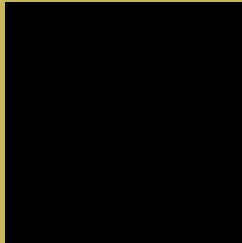
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5869, 47.1498, 18.1655

Background



This preview shows how black text looks on a background with the XYZ color 42.5869, 47.1498, 18.1655.



This preview shows how white text looks on a background with the XYZ color 42.5869, 47.1498,

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

42.5869, 47.1498, 18.1655

Protanopia

43.1785, 47.1475, 18.1339

Deuteranopia

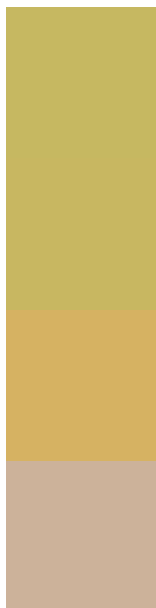
47.8196, 46.8609, 18.3291



Tritanopia

49.8378, 47.1254, 53.4831

Trichromacy



Original Color

42.5869, 47.1498, 18.1655

Protanomaly

42.9106, 47.0094, 18.1214

Deuteranomaly

45.8566, 47.0188, 18.2139

Tritanomaly

46.6550, 47.0113, 37.1869

Monochromacy



Original Color

42.5869, 47.1498, 18.1655

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 42.5869, 47.1498, 18.1655 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(198, 184, 97)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 97)  
}
```

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(198, 184, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 97) }
```

Border

The CSS property to change the border of an element to XYZ 42.5869, 47.1498, 18.1655 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(198, 184, 97) }
```


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

```
.border{ border-color:rgb(198, 184, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 97);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5869, 47.1498, 18.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 97) }
```

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

```
.background{ background-color: rgb(198,  
184, 97) }
```

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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