

Converting Colors

XYZ(41.7801, 46.1129, 26.1012)

Have a look what the booklet for
XYZ(41.7801, 46.1129, 26.1012)
contains.

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Color

**XYZ(41.8704, 46.2948,
26.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	BEB77D
RGB	190, 183, 125
RGB Percent	75%, 72%, 49%
CMY	0.2549, 0.2823, 0.5098
CMYK	0.00, 0.04, 0.34, 0.25
HSL	54°, 33%, 62%
HSV	54°, 34%, 75%
XYZ	41.8704, 46.2948, 26.1310
YIQ	178.4810, 22.7900, -16.5540

Conversions

Conversions Part 2

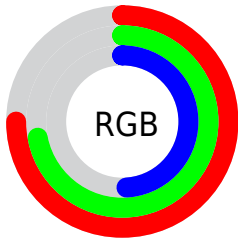
Format	Color
RYB	133, 190, 125
Decimal	12498813
CIELab	73.74, -6.35, 30.43
CIELCh	74, 31.085, 101.785
Yxy	46.2948, 0.3663, 0.4050
Android (android.graphics.Color)	4290688893 (0xFFBEB77D)
YUV	178.4810, -26.3661, 10.1022
Hunter-Lab	68.0403, -9.2258, 24.8578

Details

The XYZ color **41.8704, 46.2948, 26.1310** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **26.0029, 24.5796, 52.0892**, and the grayscale version is **42.6999, 44.9236, 48.9218**.

A 20% lighter version of the original color is **77.2602, 84.7215, 54.4003**, and **19.4060, 21.7075, 9.8238** is the 20% darker color. If you saturate the color by 10%, you get **40.3526, 45.0193, 20.1989**, and if you desaturate by 10%, it is **43.6288, 47.6796, 33.2899**.

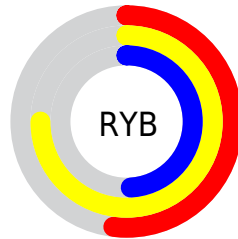
Distribution



Red (75%)

Green (72%)

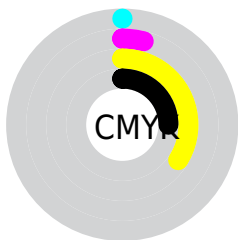
Blue (49%)



Red (52%)

Yellow (75%)

Blue (49%)

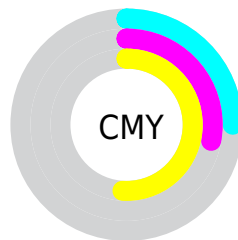


Cyan (0%)

Magenta (4%)

Yellow (34%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8704, 46.2948, 26.1310 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 41.8704, 46.2948, 26.1310 by changing the saturation by 10% instead.

■ 41.8704, 46.2948,
26.1310

■ 41.8704, 46.2948,
26.1310

344.9462,
371.9926, 297.0505

■ 29.1905, 32.4785,
16.6950

■ 77.2698, 84.6600,
54.4729

■ 19.3700, 21.7273,
9.8576

■ 100.7201,
109.9777, 74.2159

■ 12.0435, 13.6566,
5.2003

■ 128.4911,
139.8981, 98.2316

■ 6.8457, 7.8822,
2.3045

160.9484,
174.8054, 126.9386

■ 3.4113, 4.0197,
0.7337

198.4571,
215.0841, 160.7555

■ 1.3748, 1.6846,
0.0000

241.3828,

■ 0.2382, 0.4136,

261.1186, 200.1007

0.0000

290.0907,
313.2933, 245.3929

■ 0.0000, 0.0000,
0.0000

■ 41.8704, 46.2948,
26.1310

■ 41.8704, 46.2948,
26.1310

■ 40.3526, 45.0193,
20.1989

■ 43.6288, 47.6796,
33.2899

■ 39.0588, 43.8416,
15.4208

■ 45.6367, 49.1724,
41.7371

■ 37.9753, 42.7577,
11.7207

■ 47.9066, 50.7799,
51.5335

■ 37.0857, 41.7610,
9.0120

■ 50.4491, 52.5064,
62.7353

■ 36.3712, 40.8440,
7.1951

■ 53.2745, 54.3559,
75.3954

■ 35.8088, 39.9975,
6.1496

■ 56.3921, 56.3324,
89.5639

■ 35.5261, 39.5289,
5.7574

■ 59.3240, 58.2446,
102.7234

■ 59.7925, 59.1816,
102.8795

■ 60.2673, 60.1312,
103.0378

Harmonies

Analogous

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



47.4019, 46.2948, 26.7043



41.8704, 46.2948, 26.1310



37.3045, 46.2948, 30.9767

Triad

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



41.8704, 46.2948, 26.1310



36.5559, 46.2948, 73.4839



54.8679, 46.2948, 60.5132

Complementary

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



41.8704, 46.2948, 26.1310



26.0029, 24.5796, 52.0892

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.



51.4562, 46.2948, 76.6256



41.8704, 46.2948, 26.1310



40.7683, 46.2948, 85.1260

Square

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



41.8704, 46.2948, 26.1310



34.4122, 46.2948, 56.8708



46.2044, 46.2948, 86.3829



55.2255, 46.2948, 44.4528

Rectangle

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



41.8704, 46.2948, 26.1310



35.2999, 46.2948, 37.3641



46.2044, 46.2948, 86.3829



54.0278, 46.2948, 66.1792

Sweetspot

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



41.8716, 46.2969, 26.1320



84.3068, 90.2610, 82.5189



32.7741, 27.2969, 25.5817



18.3870, 19.7305, 17.5786



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.8716, 46.2969, 26.1320



73.7857, 82.1532, 39.1365



37.6499, 46.3161, 26.3582



10.2322, 10.9403, 10.1490



23.6576, 26.3540, 3.8399



0.9521, 1.0831, 0.1589

Inverse Universe

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



26.0029, 24.5796, 52.0892



40.7171, 36.9057, 93.2566



29.1907, 24.8616, 51.9756



9.0970, 9.3862, 12.0045



6.3809, 2.8734, 32.6112



0.2778, 0.1683, 1.2867

Previews

White Background



This preview shows how the XYZ color 41.8704, 46.2948, 26.1310 looks on a white background.

Color Contrast Check

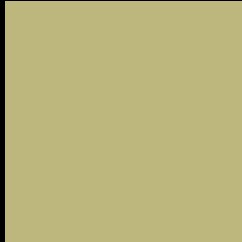
Large Text (above 18pt) WCAG AA × Fail

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 41.8704, 46.2948, 26.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

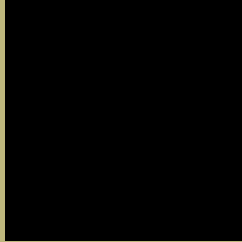
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8704, 46.2948, 26.1310

Background



This preview shows how black text looks on a background with the XYZ color 41.8704, 46.2948, 26.1310.



This preview shows how white text looks on a background with the XYZ color 41.8704, 46.2948,

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

41.8704, 46.2948, 26.1310

Protanopia

42.9269, 46.2387, 25.7313

Deuteranopia

47.0932, 46.0184, 26.4790



Tritanopia

47.5412, 46.2044, 54.5568

Trichromacy



Original Color

41.8704, 46.2948, 26.1310

Protanomaly

42.6142, 46.3805, 25.7751

Deuteranomaly

45.2202, 46.2160, 26.2759

Tritanomaly

45.0515, 46.0633, 42.5930

Monochromacy



Original Color

41.8704, 46.2948, 26.1310

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.8707, 45.0908, 39.2975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8704, 46.2948, 26.1310 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(190, 183, 125)` looks like.

```
.text, #text, p{  
    color:rgb(190, 183, 125)  
}
```

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(190, 183, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 183, 125) }
```

Border

The CSS property to change the border of an element to XYZ 41.8704, 46.2948, 26.1310 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(190, 183, 125) }
```


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

```
.border{ border-color:rgb(190, 183, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 183, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 183, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 183, 125);  
box-shadow:4px 4px 4px 4px rgb(190, 183,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8704, 46.2948, 26.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 183, 125) }
```

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

```
.background{ background-color: rgb(190,  
183, 125) }
```

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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