

Converting Colors

XYZ(44.7509, 46.4433, 18.4102)

Have a look what the booklet for
XYZ(44.7509, 46.4433, 18.4102)
contains.

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Color

**XYZ(44.7509, 46.4433,
18.4102)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B263
RGB	210, 178, 99
RGB Percent	82%, 70%, 39%
CMY	0.1765, 0.3019, 0.6118
CMYK	0.00, 0.15, 0.53, 0.18
HSL	43°, 55%, 61%
HSV	43°, 53%, 82%
XYZ	44.7509, 46.4433, 18.4102
YIQ	178.5620, 44.4310, -17.7850

Conversions

Conversions Part 2

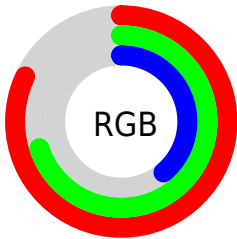
Format	Color
RYB	144, 210, 99
Decimal	13808227
CIELab	73.83, 1.77, 44.29
CIElCh	74, 44.325, 87.712
Yxy	46.4433, 0.4083, 0.4237
Android (android.graphics.Color)	4291998307 (0xFFD2B263)
YUV	178.5620, -39.2241, 27.5711
Hunter-Lab	68.1493, -2.0476, 31.6876

Details

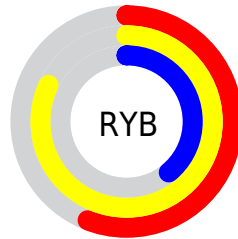
The XYZ color **44.7509, 46.4433, 18.4102** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.8945, 23.5375, 64.2037**, and the grayscale version is **42.8011, 45.0301, 49.0378**.

A 20% lighter version of the original color is **76.2487, 82.3400, 41.1526**, and **21.1521, 21.9158, 6.0211** is the 20% darker color. If you saturate the color by 10%, you get **42.6970, 43.7387, 13.4002**, and if you desaturate by 10%, it is **47.1212, 49.3631, 24.8145**.

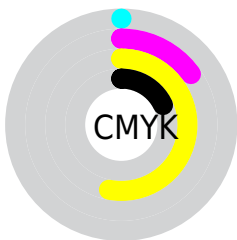
Distribution



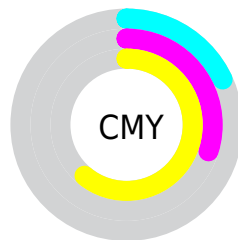
- Red (82%)
- Green (70%)
- Blue (39%)



- Red (56%)
- Yellow (82%)
- Blue (39%)



- Cyan (0%)
- Magenta (15%)
- Yellow (53%)
- Black (18%)



- Cyan (18%)
- Magenta (30%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7509, 46.4433, 18.4102 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 44.7509, 46.4433, 18.4102 by changing the saturation by 10% instead.

■ 44.7509, 46.4433,
18.4102

■ 44.7509, 46.4433,
18.4102

356.5645,
372.5880, 255.4864

■ 31.4617, 32.5958,
11.0724

■ 81.5859, 84.8820,
41.5584

■ 21.1042, 21.8170,
6.0008

■ 105.8623,
110.2421, 58.2059

■ 13.3131, 13.7225,
2.7768

■ 134.5319,
140.2084, 78.7937

■ 7.7230, 7.9279,
0.9818

■ 167.9600,
175.1654, 103.7404

■ 3.9685, 4.0488,
0.0000

206.5120,
215.4974, 133.4644

■ 1.6843, 1.7009,
0.0000

250.5531,

■ 0.4464, 0.4243,

261.5889, 168.3844

0.0000

300.4488,
313.8243, 208.9189

■ 0.0000, 0.0000,
0.0000

■ 44.7509, 46.4433,
18.4102

■ 44.7509, 46.4433,
18.4102

■ 42.6970, 43.7387,
13.4002

■ 47.1212, 49.3631,
24.8145

■ 40.9348, 41.2329,
9.6724

■ 49.8238, 52.5001,
32.7077

■ 39.4409, 38.9174,
7.1023

■ 52.8772, 55.8646,
42.1794

■ 38.1860, 36.7791,
5.5385

■ 56.2974, 59.4640,
53.3114

■ 37.4001, 35.3452,
4.8511

■ 60.0996, 63.3053,
66.1796

■ 64.2978, 67.3953,
80.8554

■ 68.9054, 71.7401,
97.4060

■ 71.9418, 75.5486,
105.3983

■ 73.6211, 78.9073,
105.9581

Harmonies

Analogous

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



52.7461, 46.4433, 22.0296



44.7509, 46.4433, 18.4102



37.4619, 46.4433, 21.0485

Triad

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



44.7509, 46.4433, 18.4102



32.0364, 46.4433, 73.5647



58.2387, 46.4433, 77.4865

Complementary

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



44.7509, 46.4433, 18.4102



24.8945, 23.5375, 64.2037

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.



51.5746, 46.4433, 99.5652



44.7509, 46.4433, 18.4102



36.5302, 46.4433, 96.8673

Square

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



44.7509, 46.4433, 18.4102



30.6620, 46.4433, 48.8554



43.5406, 46.4433, 107.5378



61.0892, 46.4433, 52.3219

Rectangle

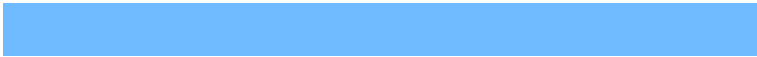
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.7509, 46.4433, 18.4102



33.8512, 46.4433, 26.6203



43.5406, 46.4433, 107.5378



56.3342, 46.4433, 85.7678

Sweetspot

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



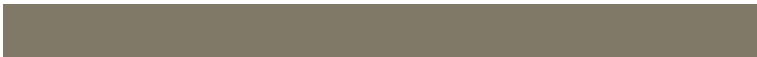
44.7520, 46.4455, 18.4111



85.5255, 90.3700, 76.6878



35.2258, 24.2999, 24.7719



18.0679, 19.0930, 15.6375



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.



44.7520, 46.4455, 18.4111



66.0016, 67.5253, 20.2272



45.9886, 57.6600, 20.5106



12.5036, 13.1978, 12.5005



22.9035, 21.7400, 2.9891



1.3468, 1.3480, 0.1892

Inverse Universe

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



24.8945, 23.5375, 64.2037



32.1763, 28.5667, 98.4258



24.0083, 17.6568, 63.1153



11.4373, 11.9649, 14.9503



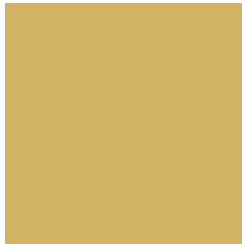
8.1739, 4.9943, 37.7257



0.5253, 0.4159, 2.1322

Previews

White Background



This preview shows how the XYZ color 44.7509, 46.4433, 18.4102 looks on a white background.

Color Contrast Check

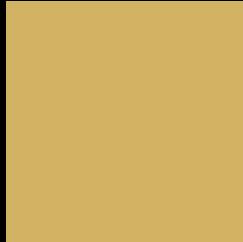
Large Text (above 18pt) WCAG AA × Fail

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 44.7509, 46.4433, 18.4102 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 44.7509, 46.4433, 18.4102

Background



This preview shows how black text looks on a background with the XYZ color 44.7509, 46.4433, 18.4102.



This preview shows how white text looks on a background with the XYZ color 44.7509, 46.4433,

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

44.7509, 46.4433, 18.4102

Protanopia

42.8476, 46.6554, 18.8037

Deuteranopia

47.3680, 46.3368, 18.5039



Tritanopia

51.3596, 46.2881, 50.4835

Trichromacy



Original Color

44.7509, 46.4433, 18.4102

Protanomaly

43.7260, 46.8052, 18.7863

Deuteranomaly

46.5437, 46.4855, 18.5761

Tritanomaly

48.4444, 46.2191, 36.0737

Monochromacy



Original Color

44.7509, 46.4433, 18.4102

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.8603, 45.3894, 35.3562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7509, 46.4433, 18.4102 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(210, 178, 99)` looks like.

```
.text, #text, p{  
    color:rgb(210, 178, 99)  
}
```

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(210, 178, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 178, 99) }
```

Border

The CSS property to change the border of an element to XYZ 44.7509, 46.4433, 18.4102 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(210, 178, 99) }
```


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

```
.border{ border-color:rgb(210, 178, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 178, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 178, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 178, 99);  
box-shadow:4px 4px 4px 4px rgb(210, 178,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7509, 46.4433, 18.4102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 178, 99) }
```

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

```
.background{ background-color: rgb(210,  
178, 99) }
```

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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