

Converting Colors

XYZ(44.4350, 46.2194, 21.7737)

Have a look what the booklet for
XYZ(44.4350, 46.2194, 21.7737)
contains.

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Color

**XYZ(44.5772, 46.2760,
21.9119)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB270
RGB	207, 178, 112
RGB Percent	81%, 70%, 44%
CMY	0.1882, 0.3019, 0.5608
CMYK	0.00, 0.14, 0.46, 0.19
HSL	42°, 50%, 63%
HSV	42°, 46%, 81%
XYZ	44.5772, 46.2760, 21.9119
YIQ	179.1470, 38.4700, -14.3780

Conversions

Conversions Part 2

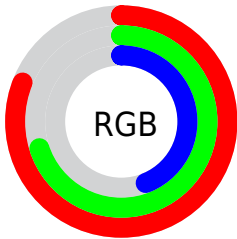
Format	Color
RYB	154, 207, 112
Decimal	13611632
CIELab	73.72, 1.73, 37.49
CIELCh	74, 37.535, 87.357
Yxy	46.2760, 0.3953, 0.4104
Android (android.graphics.Color)	4291801712 (0xFFCFB270)
YUV	179.1470, -33.1035, 24.4271
Hunter-Lab	68.0265, -2.0767, 28.5207

Details

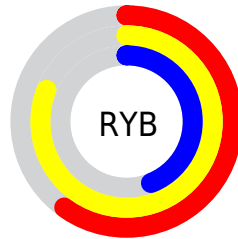
The XYZ color **44.5772, 46.2760, 21.9119** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.4692, 26.9987, 62.7951**, and the grayscale version is **43.0837, 45.3275, 49.3616**.

A 20% lighter version of the original color is **77.4543, 82.8222, 47.5013**, and **21.0929, 21.8488, 7.6630** is the 20% darker color. If you saturate the color by 10%, you get **42.3266, 43.4121, 16.1145**, and if you desaturate by 10%, it is **47.1529, 49.3660, 29.1259**.

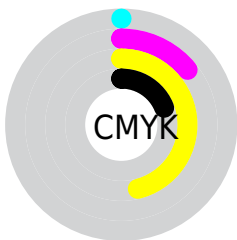
Distribution



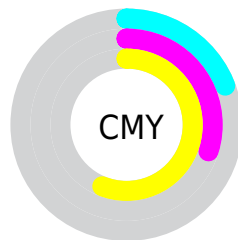
- Red (81%)
- Green (70%)
- Blue (44%)



- Red (60%)
- Yellow (81%)
- Blue (44%)



- Cyan (0%)
- Magenta (14%)
- Yellow (46%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5772, 46.2760, 21.9119 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 44.5772, 46.2760, 21.9119 by changing the saturation by 10% instead.

■ 44.5772, 46.2760,
21.9119

■ 44.5772, 46.2760,
21.9119

355.8711,
371.9172, 275.0243

■ 31.3244, 32.4637,
13.5945

■ 81.3266, 84.6319,
47.5007

■ 20.9990, 21.7159,
7.7037

■ 105.5538,
109.9443, 65.6091

■ 13.2357, 13.6483,
3.8209

■ 134.1700,
139.8588, 87.8183

■ 7.6692, 7.8765,
1.5276

■ 167.5403,
174.7598, 114.5467

■ 3.9340, 4.0160,
0.2384

206.0303,
215.0318, 146.2130

■ 1.6649, 1.6825,
0.0000

250.0051,

■ 0.4341, 0.4123,

261.0591, 183.2357

0.0000

299.8303,
313.2260, 226.0333

■ 0.0000, 0.0000,
0.0000

■ 44.5772, 46.2760,
21.9119

■ 44.5772, 46.2760,
21.9119

■ 42.3266, 43.4121,
16.1145

■ 47.1529, 49.3660,
29.1259

■ 40.3786, 40.7589,
11.6335

■ 50.0678, 52.6839,
37.8415

■ 38.7127, 38.3088,
8.3605

■ 53.3391, 56.2393,
48.1405

■ 37.3041, 36.0504,
6.1678

■ 56.9815, 60.0395,
60.0980

■ 36.1218, 33.9701,
4.8972

■ 61.0093, 64.0910,
73.7840

■ 35.6783, 33.1576,
4.5196

■ 65.4354, 68.4005,
89.2646

■ 69.9648, 72.8507,
104.9818

■ 71.6768, 76.2747,
105.5525

■ 73.4524, 79.8259,
106.1443

Harmonies

Analogous

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



51.2597, 46.2760, 25.3835



44.5772, 46.2760, 21.9119



38.3576, 46.2760, 24.3276

Triad

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



44.5772, 46.2760, 21.9119



33.5621, 46.2760, 69.1895



55.6727, 46.2760, 72.8724

Complementary

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



44.5772, 46.2760, 21.9119



27.4692, 26.9987, 62.7951

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.



50.1352, 46.2760, 90.4852



44.5772, 46.2760, 21.9119



37.4314, 46.2760, 88.0092

Square

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



44.5772, 46.2760, 21.9119



32.3914, 46.2760, 48.7141



43.3960, 46.2760, 96.6214



58.0570, 46.2760, 52.0971

Rectangle

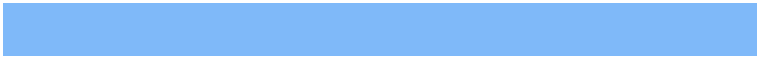
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



44.5772, 46.2760, 21.9119



35.2203, 46.2760, 29.4010



43.3960, 46.2760, 96.6214



54.0926, 46.2760, 79.5400

Sweetspot

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



44.5783, 46.2782, 21.9128



86.4477, 91.1541, 80.2633



36.4154, 26.8097, 28.8800



18.2428, 19.2342, 16.3391



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.



44.5783, 46.2782, 21.9128



67.9120, 69.6758, 26.0138



46.3690, 56.6892, 23.8280



12.4862, 13.1632, 12.4947



22.5658, 21.0646, 2.8765



1.3300, 1.3144, 0.1836

Inverse Universe

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



27.4692, 26.9987, 62.7951



37.2387, 35.1506, 99.4298



26.1738, 20.7937, 61.6657



11.4537, 11.9977, 14.9558



8.2958, 5.2383, 37.7663



0.5338, 0.4328, 2.1350

Previews

White Background



This preview shows how the XYZ color 44.5772, 46.2760, 21.9119 looks on a white background.

Color Contrast Check

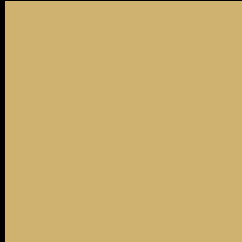
Large Text (above 18pt) WCAG AA × Fail

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 44.5772, 46.2760, 21.9119 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 44.5772, 46.2760, 21.9119

Background



This preview shows how black text looks on a background with the XYZ color 44.5772, 46.2760, 21.9119.

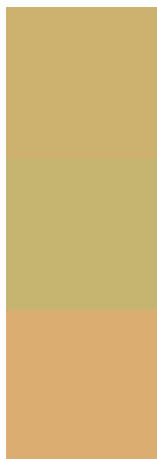


This preview shows how white text looks on a background with the XYZ color 44.5772, 46.2760,

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

44.5772, 46.2760, 21.9119

Protanopia

42.7932, 46.2458, 22.2937

Deuteranopia

47.1376, 46.1395, 22.0442



Tritanopia

50.4668, 46.0910, 51.0363

Trichromacy



Original Color

44.5772, 46.2760, 21.9119

Protanomaly

43.3893, 46.2523, 22.2635

Deuteranomaly

46.3349, 46.2993, 22.1173

Tritanomaly

47.7023, 45.7883, 38.2221

Monochromacy



Original Color

44.5772, 46.2760, 21.9119

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

43.0228, 45.4256, 37.5108

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5772, 46.2760, 21.9119 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(207, 178, 112)` looks like.

```
.text, #text, p{  
    color:rgb(207, 178, 112)  
}
```

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(207, 178, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 178, 112) }
```

Border

The CSS property to change the border of an element to XYZ 44.5772, 46.2760, 21.9119 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(207, 178, 112) }
```


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

```
.border{ border-color:rgb(207, 178, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 178, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 178, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 178, 112);  
box-shadow:4px 4px 4px 4px rgb(207, 178,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5772, 46.2760, 21.9119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 178, 112) }
```

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

```
.background{ background-color: rgb(207,  
178, 112) }
```

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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