

Converting Colors

XYZ(44.1902, 49.1701, 21.0716)

Have a look what the booklet for
XYZ(44.1902, 49.1701, 21.0716)
contains.

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Color

**XYZ(44.1902, 49.1701,
21.0716)**

Conversions

Conversions Part 1

Format	Color
Hex	C7BC6B
RGB	199, 188, 107
RGB Percent	78%, 74%, 42%
CMY	0.2196, 0.2627, 0.5804
CMYK	0.00, 0.06, 0.46, 0.22
HSL	53°, 45%, 60%
HSV	53°, 46%, 78%
XYZ	44.1902, 49.1701, 21.0716
YIQ	182.0550, 32.5570, -22.8590

Conversions

Conversions Part 2

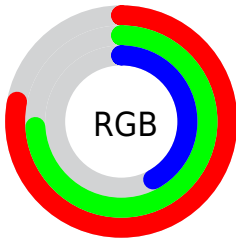
Format	Color
RYB	119, 199, 107
Decimal	13089899
CIELab	75.56, -7.30, 42.17
CIElCh	76, 42.799, 99.816
Yxy	49.1701, 0.3862, 0.4297
Android (android.graphics.Color)	4291279979 (0xFFC7BC6B)
YUV	182.0550, -37.0021, 14.8608
Hunter-Lab	70.1214, -10.2225, 31.2682

Details

The XYZ color **44.1902, 49.1701, 21.0716** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.8504, 20.2055, 56.7282**, and the grayscale version is **44.6772, 47.0039, 51.1873**.

A 20% lighter version of the original color is **79.9358, 88.4994, 46.1267**, and **20.7302, 23.4630, 7.3071** is the 20% darker color. If you saturate the color by 10%, you get **42.7580, 47.7928, 16.0101**, and if you desaturate by 10%, it is **45.8741, 50.6651, 27.4068**.

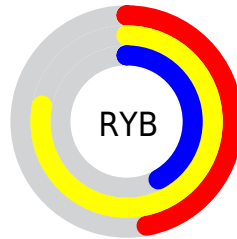
Distribution



Red (78%)

Green (74%)

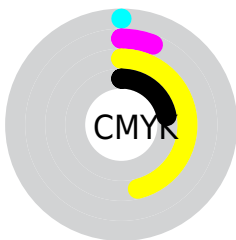
Blue (42%)



Red (47%)

Yellow (78%)

Blue (42%)

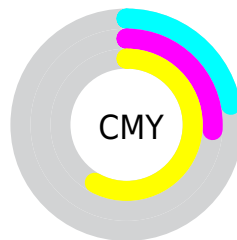


Cyan (0%)

Magenta (6%)

Yellow (46%)

Black (22%)



Cyan (22%)

Magenta (26%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1902, 49.1701, 21.0716 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 44.1902, 49.1701, 21.0716 by changing the saturation by 10% instead.

■ 44.1902, 49.1701,
21.0716

■ 44.1902, 49.1701,
21.0716

354.3230,
383.4116, 270.4523

■ 31.0186, 34.7544,
12.9846

■ 80.7484, 88.9440,
46.0890

■ 20.7649, 23.4738,
7.2873

■ 104.8658,
115.0711, 63.8565

■ 13.0638, 14.9437,
3.5613

■ 133.3625,
145.8707, 85.6879

■ 7.5498, 8.7799,
1.3879

■ 166.6038,
181.7274, 112.0017

■ 3.8576, 4.5979,
0.1322

204.9552,
223.0254, 143.2165

■ 1.6219, 2.0133,
0.0000

248.7820,

■ 0.4066, 0.6152,

270.1491, 179.7509

0.0000

298.4494,
323.4831, 222.0233

■ 0.0000, 0.0000,
0.0000

■ 44.1902, 49.1701,
21.0716

■ 44.1902, 49.1701,
21.0716

■ 42.7580, 47.7928,
16.0101

■ 45.8741, 50.6651,
27.4068

■ 41.5572, 46.5196,
12.1309

■ 47.8213, 52.2771,
35.0925

■ 40.5699, 45.3450,
9.3356


■ 50.0471, 54.0140,
44.2030

■ 39.7742, 44.2603,
7.5083


■ 52.5642, 55.8810,
54.8063


■ 39.1420, 43.2541,
6.5013


■ 55.3850, 57.8832,
66.9662

 38.9255, 42.8869,
6.2264

 58.5207, 60.0250,
80.7426

 61.9823, 62.3110,
96.1923

 63.9233, 64.0025,
103.5923

 64.5039, 65.1638,
103.7859

Harmonies

Analogous

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



52.1799, 49.1701, 22.1845



44.1902, 49.1701, 21.0716



37.6591, 49.1701, 26.5718

Triad

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



44.1902, 49.1701, 21.0716



36.0014, 49.1701, 86.5422



62.5079, 49.1701, 70.0126

Complementary

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



44.1902, 49.1701, 21.0716



22.8504, 20.2055, 56.7282

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.



57.1626, 49.1701, 94.4353



44.1902, 49.1701, 21.0716



41.6822, 49.1701, 105.6928

Square

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



44.1902, 49.1701, 21.0716



33.2962, 49.1701, 61.3100



49.3751, 49.1701, 108.9307



63.3753, 49.1701, 46.4520

Rectangle

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



44.1902, 49.1701, 21.0716



34.7849, 49.1701, 34.4925



49.3751, 49.1701, 108.9307



61.1488, 49.1701, 78.5524

Sweetspot

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



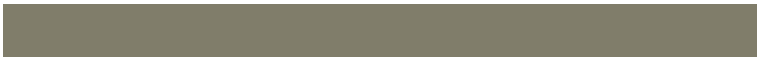
44.1914, 49.1724, 21.0726



88.4798, 95.2184, 80.9407



32.1569, 23.9963, 20.4743



18.7417, 20.2319, 16.5054



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.



44.1914, 49.1724, 21.0726



74.9644, 83.7806, 28.3646



38.6500, 49.9362, 21.5121



11.4115, 12.1922, 11.3146



25.0726, 27.6624, 4.0179



1.2185, 1.3725, 0.2007

Inverse Universe

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



22.8504, 20.2055, 56.7282



33.2724, 27.2180, 98.1077



26.5061, 20.2788, 56.5497



10.1571, 10.4883, 13.4066



6.8703, 3.1345, 34.9873



0.3602, 0.2182, 1.6683

Previews

White Background



This preview shows how the XYZ color 44.1902, 49.1701, 21.0716 looks on a white background.

Color Contrast Check

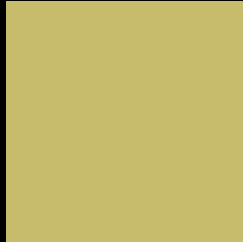
Large Text (above 18pt) WCAG AA × Fail

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 44.1902, 49.1701, 21.0716 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 44.1902, 49.1701, 21.0716

Background



This preview shows how black text looks on a background with the XYZ color 44.1902, 49.1701, 21.0716.



This preview shows how white text looks on a background with the XYZ color 44.1902, 49.1701,

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

44.1902, 49.1701, 21.0716

Protanopia

45.0623, 48.9958, 20.7178

Deuteranopia

50.0447, 49.1137, 21.3102



Tritanopia

51.4472, 49.0565, 56.6265

Trichromacy



Original Color

44.1902, 49.1701, 21.0716

Protanomaly

44.7290, 49.1378, 20.7627

Deuteranomaly

47.7536, 49.1375, 21.1550

Tritanomaly

48.3378, 49.0082, 40.6301

Monochromacy



Original Color

44.1902, 49.1701, 21.0716

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.7959, 47.3389, 37.8394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1902, 49.1701, 21.0716 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(199, 188, 107)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 107)  
}
```

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(199, 188, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 107) }
```

Border

The CSS property to change the border of an element to XYZ 44.1902, 49.1701, 21.0716 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(199, 188, 107) }
```


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

```
.border{ border-color:rgb(199, 188, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 107);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1902, 49.1701, 21.0716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 107) }
```

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

```
.background{ background-color: rgb(199,  
188, 107) }
```

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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