

Converting Colors

XYZ(41.1614, 43.8701, 7.7407)

Have a look what the booklet for
XYZ(41.1614, 43.8701, 7.7407)
contains.

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Color

**XYZ(41.3366, 44.0351,
7.7598)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CFAF21 |
| RGB | 207, 175, 33 |
| RGB Percent | 81%, 69%, 13% |
| CMY | 0.1882, 0.3137, 0.8706 |
| CMYK | 0.00, 0.15, 0.84, 0.19 |
| HSL | 49°, 72%, 47% |
| HSV | 49°, 84%, 81% |
| XYZ | 41.3366, 44.0351, 7.7598 |
| YIQ | 168.3800, 64.6540, -37.3780 |

Conversions

Conversions Part 2

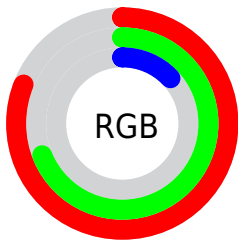
| Format | Color |
|-------------------------------------|--------------------------------|
| R_YB | 72, 207, 33 |
| Decimal | 13610785 |
| CIE Lab | 72.25, -1.57, 69.24 |
| CIE LCh | 72, 69.256, 91.302 |
| Yxy | 44.0351, 0.4439, 0.4728 |
| Android (android.graphics.Color) | 4291800865 (0xFFCFAF21) |
| YUV | 168.3800, -66.7423, 33.8697 |
| Hunter-Lab | 66.3589, -4.9362, 39.5181 |

Details

The XYZ color **41.3366, 44.0351, 7.7598** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **13.7802, 8.6091, 59.9665**, and the grayscale version is **37.7036, 39.6671, 43.1975**.

A 20% lighter version of the original color is **71.5126, 78.6439, 21.7666**, and **19.2957, 20.4618, 2.9325** is the 20% darker color. If you saturate the color by 10%, you get **40.4008, 42.4937, 6.4305**, and if you desaturate by 10%, it is **42.4733, 45.6937, 10.0352**.

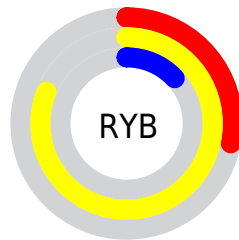
Distribution



Red (81%)

Green (69%)

Blue (13%)



Red (28%)

Yellow (81%)

Blue (13%)

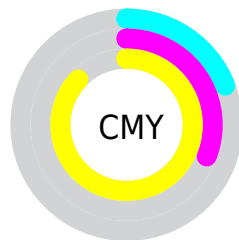


Cyan (0%)

Magenta (15%)

Yellow (84%)

Black (19%)



Cyan (19%)


Magenta (31%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3366, 44.0351, 7.7598 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 41.3366, 44.0351, 7.7598 by changing the saturation by 10% instead.


 41.3366, 44.0351,
7.7598


 41.3366, 44.0351,
7.7598


342.7641,
362.8515, 183.6994

 28.7710, 30.6981,
3.8561


 76.4661, 81.2706,
22.0245


 19.0511, 20.3691,
1.5467


 99.7607, 105.9378,
33.2226

 11.8114, 12.6636,
0.2524


 127.3624,
135.1506, 47.6893

 6.6867, 7.1973,
0.0000

 159.6365,
169.2933, 65.8430

 3.3115, 3.5858,
0.0000

 196.9483,
208.7504, 88.1023

 1.3206, 1.4447,
0.0000

 239.6633,

 0.1985, 0.2493,

253.9062, 114.8858

0.0000

288.1468,
305.1451, 146.6119

■ 0.0000, 0.0000,
0.0000

■ 41.3366, 44.0351,
7.7598

■ 41.3366, 44.0351,
7.7598

■ 40.4008, 42.4937,
6.4305

■ 42.4733, 45.6937,
10.0352

■ 39.9080, 41.6175,
5.9296

■ 43.8366, 47.4749,
13.4038

■ 45.4508, 49.3904,
17.9897

■ 47.3366, 51.4487,
23.8998

■ 49.5120, 53.6574,
31.2292

■ 51.9937, 56.0233,
40.0641

■ 54.7969, 58.5528,
50.4840

■ 57.9357, 61.2517,
62.5628

■ 61.4234, 64.1257,
76.3697

Harmonies

Analogous

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



53.8189, 44.0351, 10.3954



41.3366, 44.0351, 7.7598



31.0649, 44.0351, 10.9417

Triad

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



41.3366, 44.0351, 7.7598



25.2024, 44.0351, 90.6400



65.2791, 44.0351, 86.7563

Complementary

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



41.3366, 44.0351, 7.7598



13.7802, 8.6091, 59.9665

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.



54.8901, 44.0351, 128.4624



41.3366, 44.0351, 7.7598



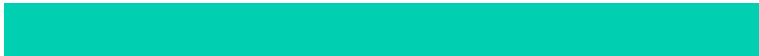
31.8085, 44.0351, 131.3544

Square

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



41.3366, 44.0351, 7.7598



22.9072, 44.0351, 49.4502



42.3758, 44.0351, 147.7015



69.1207, 44.0351, 46.4740

Rectangle

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



41.3366, 44.0351, 7.7598



26.4277, 44.0351, 17.5574



42.3758, 44.0351, 147.7015



62.3507, 44.0351, 101.6324

Sweetspot

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



41.3376, 44.0372, 7.7607



82.8052, 89.3001, 62.3069



27.3135, 14.7684, 6.8488



17.4135, 18.8214, 12.2214



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.



41.3376, 44.0372, 7.7607



63.8228, 66.4256, 9.4576



36.0668, 51.6841, 9.5145



12.6109, 13.4125, 12.5362



25.2083, 26.3496, 3.7574



1.4586, 1.5716, 0.2265

Inverse Universe

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



13.7802, 8.6091, 59.9665



19.0621, 9.2442, 95.3874



15.5714, 7.5340, 59.6646



11.3370, 11.7643, 14.9169



7.5845, 3.8156, 37.5292



0.4782, 0.3216, 2.1164

Previews

White Background



This preview shows how the XYZ color 41.3366, 44.0351, 7.7598 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 41.3366, 44.0351, 7.7598 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 41.3366, 44.0351, 7.7598

Background



This preview shows how black text looks on a background with the XYZ color 41.3366, 44.0351, 7.7598.



This preview shows how white text looks on a background with the XYZ color 41.3366, 44.0351,

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

41.3366, 44.0351, 7.7598

Protanopia

40.0285, 44.2356, 7.9420

Deuteranopia

44.7680, 43.8268, 7.8502



Tritanopia

49.1540, 43.8885, 46.4381

Trichromacy



Original Color

41.3366, 44.0351, 7.7598

Protanomaly

40.6395, 44.2563, 7.9138

Deuteranomaly

43.4966, 44.0049, 7.8703

Tritanomaly

44.8344, 43.2136, 24.7169

Monochromacy



Original Color

41.3366, 44.0351, 7.7598

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.1841, 40.4028, 23.2915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3366, 44.0351, 7.7598 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, 175, 33)` looks like.

```
.text, #text, p{  
    color:rgb(207, 175, 33)  
}
```

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, 175, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 175, 33) }
```

Border

The CSS property to change the border of an element to XYZ 41.3366, 44.0351, 7.7598 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, 175, 33) }
```


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

```
.border{ border-color:rgb(207, 175, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 175, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 175, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 175, 33);  
box-shadow:4px 4px 4px 4px rgb(207, 175,  
33) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3366, 44.0351, 7.7598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 175, 33) }
```

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

```
.background{ background-color: rgb(207,  
175, 33) }
```

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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