

Converting Colors

XYZ(27.4138, 21.8890, 4.9706)

Have a look what the booklet for
XYZ(27.4138, 21.8890, 4.9706)
contains.

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Color

**XYZ(27.4138, 21.8890,
4.9706)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C06B2A |
| RGB | 192, 107, 42 |
| RGB Percent | 75%, 42%, 16% |
| CMY | 0.2471, 0.5804, 0.8353 |
| CMYK | 0.00, 0.44, 0.78, 0.25 |
| HSL | 26°, 64%, 46% |
| HSV | 26°, 78%, 75% |
| XYZ | 27.4138, 21.8890, 4.9706 |
| YIQ | 125.0050, 71.5250, -2.1950 |

Conversions

Conversions Part 2

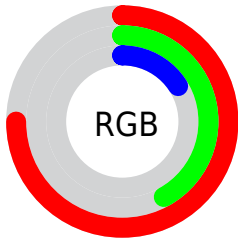
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 192, 157, 42 |
| Decimal | 12610346 |
| CIE Lab | 53.91, 29.02, 49.05 |
| CIE LCh | 54, 56.996, 59.389 |
| Yxy | 21.8890, 0.5051, 0.4033 |
| Android (android.graphics.Color) | 4290800426 (0xFFC06B2A) |
| YUV | 125.0050, -40.9215, 58.7546 |
| Hunter-Lab | 46.7857, 22.7161, 26.4509 |

Details

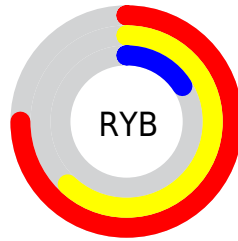
The XYZ color **27.4138, 21.8890, 4.9706** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **18.0580, 19.4755, 52.6761**, and the grayscale version is **19.6119, 20.6332, 22.4696**.

A 20% lighter version of the original color is **54.8379, 46.4516, 16.2010**, and **11.1859, 8.0127, 0.9570** is the 20% darker color. If you saturate the color by 10%, you get **26.0851, 19.6563, 3.2194**, and if you desaturate by 10%, it is **29.0507, 24.4753, 7.6365**.

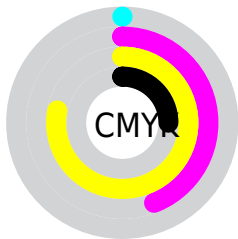
Distribution



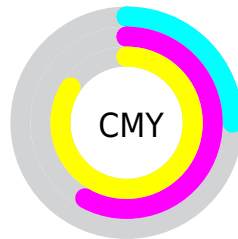
- Red (75%)
- Green (42%)
- Blue (16%)



- Red (75%)
- Yellow (62%)
- Blue (16%)



- Cyan (0%)
- Magenta (44%)
- Yellow (78%)
- Black (25%)





- Cyan (25%)
- Magenta (58%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4138, 21.8890, 4.9706 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 27.4138, 21.8890, 4.9706 by changing the saturation by 10% instead.

 27.4138, 21.8890,
4.9706


 27.4138, 21.8890,
4.9706

281.7863,
261.9661, 158.4698


 18.0224, 13.7754,
2.1716


 54.9624, 46.5625,
16.1927


 11.0659, 7.9646,
0.6579


 73.8503, 63.8911,
25.4529


 6.1788, 4.0723,
0.0000


 96.6345, 85.0602,
37.7039

 2.9958, 1.7141,
0.0000

 123.6802,
110.4541, 53.3642

 1.1515, 0.4328,
0.0000

 155.3529,
140.4572, 72.8524

 0.0676, 0.0000,
0.0000

 192.0179,

 0.0000, 0.0000,

175.4540, 96.5871

0.0000

234.0406,
215.8288, 124.9867

■ 27.4138, 21.8890,
4.9706

■ 27.4138, 21.8890,
4.9706

■ 26.0851, 19.6563,
3.2194

■ 29.0507, 24.4753,
7.6365

■ 25.0258, 17.7503,
2.2106

■ 31.0202, 27.4300,
11.3270

■ 24.8471, 17.4245,
2.0537

■ 33.3452, 30.7710,
16.1377

■ 36.0459, 34.5135,
22.1523

■ 39.1409, 38.6720,
29.4468

■ 42.6472, 43.2599,
38.0908

■ 46.5810, 48.2903,
48.1487

■ 50.9572, 53.7752,
59.6808

■ 55.7903, 59.7266,
72.7440

Harmonies

Analogous

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



32.8794, 21.8890, 10.7938



27.4138, 21.8890, 4.9706



20.9309, 21.8890, 3.4915

Triad

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



27.4138, 21.8890, 4.9706



11.0919, 21.8890, 23.4749



27.1527, 21.8890, 67.0968

Complementary

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



27.4138, 21.8890, 4.9706



18.0580, 19.4755, 52.6761

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.



20.6793, 21.8890, 76.1473



27.4138, 21.8890, 4.9706



12.1207, 21.8890, 44.5736

Square

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



27.4138, 21.8890, 4.9706



12.2087, 21.8890, 10.4299



15.3538, 21.8890, 66.3810



32.7090, 21.8890, 45.5277

Rectangle

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



27.4138, 21.8890, 4.9706



17.1265, 21.8890, 4.0513



15.3538, 21.8890, 66.3810



24.9754, 21.8890, 72.0668

Sweetspot

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



27.4143, 21.8902, 4.9710



73.8483, 73.9269, 60.4924



26.3969, 14.3947, 21.4660



15.3585, 15.2226, 11.7936



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.



27.4143, 21.8902, 4.9710



45.8121, 33.0148, 4.4096



38.8838, 44.8292, 8.7942



10.4242, 10.7798, 10.5932



16.7940, 11.8737, 1.4067



0.7940, 0.6498, 0.0836

Inverse Universe

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



18.0580, 19.4755, 52.6761



28.0420, 28.2083, 94.3271



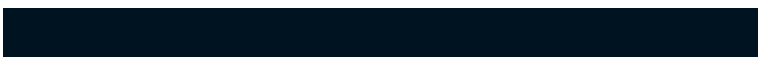
11.6973, 6.7541, 50.5559



9.9913, 10.6738, 12.8185



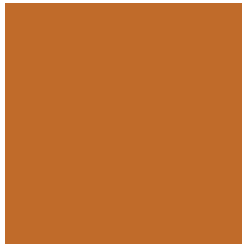
10.1458, 10.0481, 34.9613



0.5059, 0.5691, 1.5331

Previews

White Background



This preview shows how the XYZ color 27.4138, 21.8890, 4.9706 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4138, 21.8890, 4.9706 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 × Fail

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

XYZ 27.4138, 21.8890, 4.9706

Background



This preview shows how black text looks on a background with the XYZ color 27.4138, 21.8890, 4.9706.



This preview shows how white text looks on a background with the XYZ color 27.4138, 21.8890,

4.9706.

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

27.4138, 21.8890, 4.9706

Protanopia

20.0177, 22.1080, 6.0085

Deuteranopia

22.3172, 21.9809, 4.8168



Tritanopia

29.7696, 21.7992, 16.8260

Trichromacy



Original Color

27.4138, 21.8890, 4.9706

Protanomaly

22.1506, 21.6934, 5.6045

Deuteranomaly

23.9611, 21.7533, 4.8554

Tritanomaly

28.6986, 21.8099, 11.0847

Monochromacy



Original Color

27.4138, 21.8890, 4.9706

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.9384, 20.1727, 13.6166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4138, 21.8890, 4.9706 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(192, 107, 42)` looks like.

```
.text, #text, p{  
    color:rgb(192, 107, 42)  
}
```

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(192, 107, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 107, 42) }
```

Border

The CSS property to change the border of an element to XYZ 27.4138, 21.8890, 4.9706 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(192, 107, 42) }
```


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

```
.border{ border-color:rgb(192, 107, 42) }
```

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

Here you see how a box with a 4 pixel rgb(192, 107, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 107, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 107, 42);  
box-shadow:4px 4px 4px 4px rgb(192, 107,  
42) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4138, 21.8890, 4.9706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 107, 42) }
```

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

```
.background{ background-color: rgb(192,  
107, 42) }
```

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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