

Converting Colors

XYZ(28.8626, 22.3324, 5.4788)

Have a look what the booklet for
XYZ(28.8626, 22.3324, 5.4788)
contains.

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Color

**XYZ(28.8534, 22.3142,
5.4756)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C6692F |
| RGB | 198, 105, 47 |
| RGB Percent | 78%, 41%, 18% |
| CMY | 0.2235, 0.5882, 0.8157 |
| CMYK | 0.00, 0.47, 0.76, 0.22 |
| HSL | 23°, 62%, 48% |
| HSV | 23°, 76%, 78% |
| XYZ | 28.8534, 22.3142, 5.4756 |
| YIQ | 126.1950, 74.0460, 1.6780 |

Conversions

Conversions Part 2

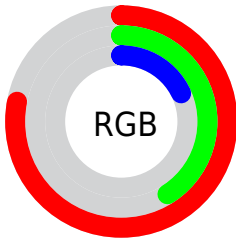
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 198, 141, 47 |
| Decimal | 13003055 |
| CIE _{Lab} | 54.36, 32.77, 47.49 |
| CIE _{LCh} | 54, 57.695, 55.392 |
| Yxy | 22.3142, 0.5094, 0.3939 |
| Android (android.graphics.Color) | 4291193135 (0xFFC6692F) |
| YUV | 126.1950, -39.0431, 62.9730 |
| Hunter-Lab | 47.2379, 26.3633, 26.1939 |

Details

The XYZ color **28.8534, 22.3142, 5.4756** 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 **20.7426, 23.4361, 56.8561**, and the grayscale version is **20.0094, 21.0515, 22.9251**.

A 20% lighter version of the original color is **55.4083, 46.2185, 17.0671**, and **11.8954, 8.2316, 0.9619** is the 20% darker color. If you saturate the color by 10%, you get **27.3866, 19.8816, 3.4433**, and if you desaturate by 10%, it is **30.6804, 25.1779, 8.5218**.

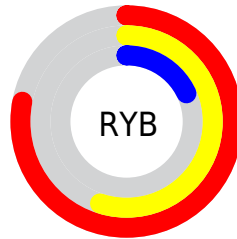
Distribution



Red (78%)

Green (41%)

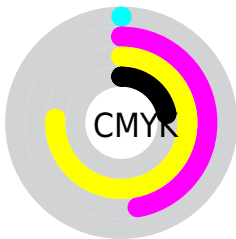
Blue (18%)



Red (78%)

Yellow (55%)

Blue (18%)

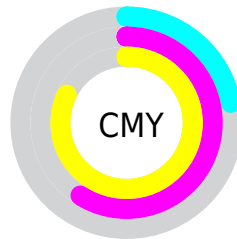


Cyan (0%)

Magenta (47%)

Yellow (76%)

Black (22%)



Cyan (22%)


Magenta (59%)


Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8534, 22.3142, 5.4756 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 28.8534, 22.3142, 5.4756 by changing the saturation by 10% instead.

 28.8534, 22.3142,
5.4756

 28.8534, 22.3142,
5.4756


288.5293,
264.1827, 163.4354


 19.1137, 14.0880,
2.4654


 57.2433, 47.2648,
17.2908

 11.8569, 8.1819,
0.8217


 76.6241, 64.7579,
26.9329

 6.7178, 4.2115,
0.0000


 99.9494, 86.1087,
39.6226

 3.3310, 1.7926,
0.0000

 127.5844,
111.7017, 55.7786

 1.3311, 0.4825,
0.0000

 159.8945,
141.9211, 75.8193

 0.2063, 0.0000,
0.0000

 197.2452,

 0.0000, 0.0000,

177.1516, 100.1633

0.0000

240.0017,
217.7773, 129.2291

■ 28.8534, 22.3142,
5.4756

■ 28.8534, 22.3142,
5.4756

■ 27.3866, 19.8816,
3.4433

■ 30.6804, 25.1779,
8.5218

■ 26.2433, 17.8502,
2.2748

■ 32.8949, 28.4919,
12.6974

■ 25.8772, 17.1829,
1.9528

■ 35.5228, 32.2783,
18.1034

■ 38.5871, 36.5566,
24.8291

■ 42.1088, 41.3447,
32.9555

■ 46.1075, 46.6600,
42.5569

■ 50.6014, 52.5186,
53.7024

■ 55.6081, 58.9361,
66.4566

■ 61.1438, 65.9273,
80.8805

Harmonies

Analogous

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



34.1311, 22.3142, 12.2567



28.8534, 22.3142, 5.4756



22.1964, 22.3142, 3.5345

Triad

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



28.8534, 22.3142, 5.4756



11.2869, 22.3142, 21.6164



26.8344, 22.3142, 70.9967

Complementary

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



28.8534, 22.3142, 5.4756



20.7426, 23.4361, 56.8561

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.



20.2513, 22.3142, 77.8203



28.8534, 22.3142, 5.4756



12.0455, 22.3142, 42.3994

Square

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



28.8534, 22.3142, 5.4756



12.7248, 22.3142, 9.4469



15.0502, 22.3142, 65.4551



32.8130, 22.3142, 49.7828

Rectangle

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



28.8534, 22.3142, 5.4756



18.1557, 22.3142, 3.8568



15.0502, 22.3142, 65.4551



24.5867, 22.3142, 75.3878

Sweetspot

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



28.8539, 22.3154, 5.4760



76.5439, 75.8620, 63.0422



29.0474, 15.9357, 26.4011



15.8542, 15.5279, 12.2410



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.



28.8539, 22.3154, 5.4760



47.0021, 32.5764, 4.4912



40.2004, 45.0083, 9.2581



10.9623, 11.2938, 11.1649



16.9058, 11.3287, 1.2956



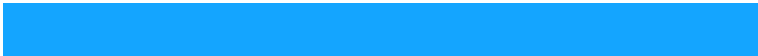
0.8703, 0.6761, 0.0846

Inverse Universe

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



20.7426, 23.4361, 56.8561



31.7801, 34.2398, 99.5417



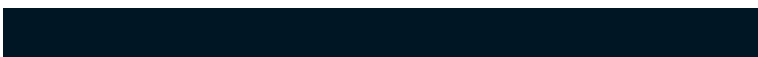
13.2338, 8.4184, 54.3532



10.5913, 11.3567, 13.5513



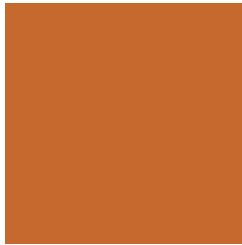
11.2348, 11.8635, 36.4421



0.6005, 0.6988, 1.7484

Previews

White Background



This preview shows how the XYZ color 28.8534, 22.3142, 5.4756 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 28.8534, 22.3142, 5.4756 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 28.8534, 22.3142, 5.4756

Background



This preview shows how black text looks on a background with the XYZ color 28.8534, 22.3142, 5.4756.



This preview shows how white text looks on a background with the XYZ color 28.8534, 22.3142,

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

28.8534, 22.3142, 5.4756

Protanopia

20.4592, 22.5187, 6.7583

Deuteranopia

22.7121, 22.3619, 5.2170



Tritanopia

31.1508, 22.3818, 16.3140

Trichromacy



Original Color

28.8534, 22.3142, 5.4756

Protanomaly

22.8669, 22.0506, 6.1829

Deuteranomaly

24.7018, 22.1271, 5.2545

Tritanomaly

30.1128, 22.2426, 11.3005

Monochromacy



Original Color

28.8534, 22.3142, 5.4756

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.5850, 20.4953, 14.1276

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8534, 22.3142, 5.4756 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(198, 105, 47)` looks like.

```
.text, #text, p{  
    color:rgb(198, 105, 47)  
}
```

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(198, 105, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 105, 47) }
```

Border

The CSS property to change the border of an element to XYZ 28.8534, 22.3142, 5.4756 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(198, 105, 47) }
```


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

```
.border{ border-color:rgb(198, 105, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 105, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 105, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 105, 47);  
box-shadow:4px 4px 4px 4px rgb(198, 105,  
47) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8534, 22.3142, 5.4756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 105, 47) }
```

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

```
.background{ background-color: rgb(198,  
105, 47) }
```

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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