

Converting Colors

XYZ(30.0330, 22.0925, 3.2975)

Have a look what the booklet for
XYZ(30.0330, 22.0925, 3.2975)
contains.

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Color

**XYZ(30.0330, 22.0925,
3.2975)**

Conversions

Conversions Part 1

Format	Color
Hex	CE6313
RGB	206, 99, 19
RGB Percent	81%, 39%, 7%
CMY	0.1922, 0.6117, 0.9255
CMYK	0.00, 0.52, 0.91, 0.19
HSL	26°, 83%, 44%
HSV	26°, 91%, 81%
XYZ	30.0330, 22.0925, 3.2975
YIQ	121.8730, 89.4520, -2.1960

Conversions

Conversions Part 2

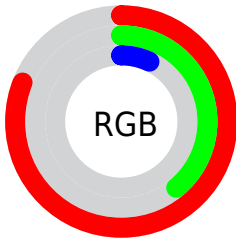
Format	Color
R _Y B	206, 159, 19
Decimal	13525779
CIE Lab	54.13, 38.29, 58.56
CIE LCh	54, 69.973, 56.820
Yxy	22.0925, 0.5419, 0.3986
Android (android.graphics.Color)	4291715859 (0xFFCE6313)
YUV	121.8730, -50.7164, 73.7794
Hunter-Lab	47.0027, 31.8004, 28.7423

Details

The XYZ color **30.0330, 22.0925, 3.2975** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **18.8696, 19.5157, 61.1645**, and the grayscale version is **18.5979, 19.5664, 21.3079**.

A 20% lighter version of the original color is **53.7043, 44.2109, 12.1816**, and **12.7340, 8.1336, 0.8988** is the 20% darker color. If you saturate the color by 10%, you get **28.9541, 20.1230, 2.3581**, and if you desaturate by 10%, it is **31.4917, 24.5961, 5.0601**.

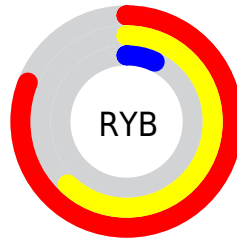
Distribution



Red (81%)

Green (39%)

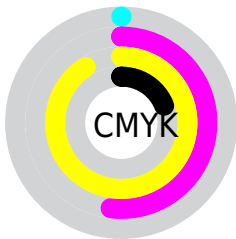
Blue (7%)



Red (81%)

Yellow (62%)

Blue (7%)

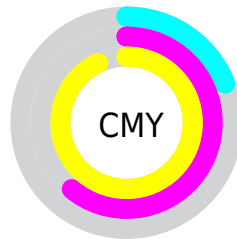


Cyan (0%)

Magenta (52%)

Yellow (91%)

Black (19%)



Cyan (19%)


Magenta (61%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0330, 22.0925, 3.2975 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 30.0330, 22.0925, 3.2975 by changing the saturation by 10% instead.


 30.0330, 22.0925,
3.2975

 30.0330, 22.0925,
3.2975


293.9653,
263.0290, 140.0639

 20.0118, 13.9249,
1.2485


 59.1006, 46.8988,
12.3541


 12.5120, 8.0684,
0.0190


 78.8778, 64.3063,
20.1988

 7.1680, 4.1388,
0.0000


 102.6377, 85.5626,
30.8124

 3.6147, 1.7515,
0.0000

 130.7457,
111.0520, 44.6136

 1.4865, 0.4567,
0.0000

 163.5670,
141.1589, 62.0207


 0.3166, 0.0000,
0.0000


 201.4672,


 0.0000, 0.0000,


176.2678, 83.4525

0.0000


 244.8115,
216.7630, 109.3274


 30.0330, 22.0925,
3.2975


 30.0330, 22.0925,
3.2975


 28.9541, 20.1230,
2.3581

 31.4917, 24.5961,
5.0601

 33.3054, 27.5121,
7.8583

 35.5072, 30.8646,
11.8322

 38.1248, 34.6743,
17.0995

 41.1832, 38.9602,
23.7632

■ 44.7049, 43.7400,
31.9161

■ 48.7110, 49.0303,
41.6427

■ 53.2209, 54.8469,
53.0212

■ 58.2531, 61.2048,
66.1246

Harmonies

Analogous

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



36.8865, 22.0925, 9.7033



30.0330, 22.0925, 3.2975



21.8176, 22.0925, 1.8097

Triad

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



30.0330, 22.0925, 3.2975



9.5438, 22.0925, 21.8118



28.2892, 22.0925, 83.8922

Complementary

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



30.0330, 22.0925, 3.2975



18.8696, 19.5157, 61.1645

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.



20.1996, 22.0925, 94.4941



30.0330, 22.0925, 3.2975



10.4874, 22.0925, 48.2479

Square

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



30.0330, 22.0925, 3.2975



11.0049, 22.0925, 7.6733



13.9858, 22.0925, 78.6762



35.7213, 22.0925, 54.9155

Rectangle

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



30.0330, 22.0925, 3.2975



17.0547, 22.0925, 2.1343



13.9858, 22.0925, 78.6762



25.5071, 22.0925, 90.2704

Sweetspot

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



30.0335, 22.0937, 3.2979



74.5740, 73.7217, 56.8373



29.5882, 15.1484, 21.8158



15.5011, 15.1657, 11.0630



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.



30.0335, 22.0937, 3.2979



46.7190, 32.2180, 3.7563



44.0748, 50.1763, 7.9783



11.6004, 11.9897, 11.7823



17.9212, 12.5754, 1.4827



0.9993, 0.7983, 0.1014

Inverse Universe

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



18.8696, 19.5157, 61.1645



28.3139, 27.7479, 98.4713



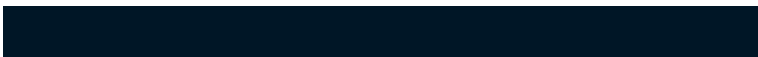
11.9981, 5.7726, 58.8740



11.1257, 11.8918, 14.2793



10.9376, 10.8991, 37.4835



0.6386, 0.7110, 1.9585

Previews

White Background



This preview shows how the XYZ color 30.0330, 22.0925, 3.2975 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 30.0330, 22.0925, 3.2975 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 30.0330, 22.0925, 3.2975

Background



This preview shows how black text looks on a background with the XYZ color 30.0330, 22.0925, 3.2975.



This preview shows how white text looks on a background with the XYZ color 30.0330, 22.0925,

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

30.0330, 22.0925, 3.2975

Protanopia

20.0463, 22.1601, 4.3194

Deuteranopia

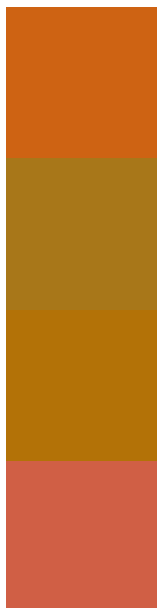
22.3928, 22.0584, 3.0775



Tritanopia

32.3262, 22.0914, 14.1156

Trichromacy



Original Color

30.0330, 22.0925, 3.2975

Protanomaly

22.9207, 21.5887, 3.8787

Deuteranomaly

24.6461, 21.6337, 3.0777

Tritanomaly

31.1788, 22.0240, 8.2380

Monochromacy



Original Color

30.0330, 22.0925, 3.2975

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.7939, 19.4628, 11.2551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0330, 22.0925, 3.2975 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(206, 99, 19)` looks like.

```
.text, #text, p{  
    color:rgb(206, 99, 19)  
}
```

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(206, 99, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 99, 19) }
```

Border

The CSS property to change the border of an element to XYZ 30.0330, 22.0925, 3.2975 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(206, 99, 19) }
```


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

```
.border{ border-color:rgb(206, 99, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 99, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 99, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 99, 19);  
box-shadow:4px 4px 4px 4px rgb(206, 99,  
19) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0330, 22.0925, 3.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 99, 19) }
```

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

```
.background{ background-color: rgb(206, 99,  
19) }
```

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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