

Converting Colors

XYZ(32.8948, 25.6336, 3.2140)

Have a look what the booklet for
XYZ(32.8948, 25.6336, 3.2140)
contains.

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Color

**XYZ(32.9455, 25.5854,
3.2021)**

Conversions

Conversions Part 1

Format	Color
Hex	D47000
RGB	212, 112, 0
RGB Percent	83%, 44%, 0%
CMY	0.1686, 0.5608, 1.0000
CMYK	0.00, 0.47, 1.00, 0.17
HSL	32°, 100%, 42%
HSV	32°, 100%, 83%
XYZ	32.9455, 25.5854, 3.2021
YIQ	129.1320, 95.5520, -13.6320

Conversions

Conversions Part 2

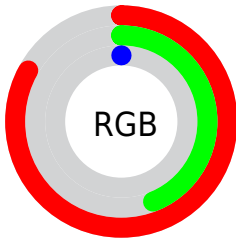
Format	Color
RYB	189, 212, 0
Decimal	13922304
CIELab	57.64, 33.81, 65.23
CIELCh	58, 73.475, 62.604
Yxy	25.5854, 0.5337, 0.4145
Android (android.graphics.Color)	4292112384 (0xFFD47000)
YUV	129.1320, -63.6621, 72.6752
Hunter-Lab	50.5820, 27.7436, 31.6540

Details

The XYZ color **32.9455, 25.5854, 3.2021** 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 **16.4409, 13.8679, 64.0969**, and the grayscale version is **21.1065, 22.2057, 24.1820**.

A 20% lighter version of the original color is **55.7083, 48.5755, 11.7501**, and **14.3003, 9.9293, 1.1628** is the 20% darker color. If you saturate the color by 10%, you get **32.9456, 25.5859, 3.2021**, and if you desaturate by 10%, it is **34.2487, 27.9725, 4.3138**.

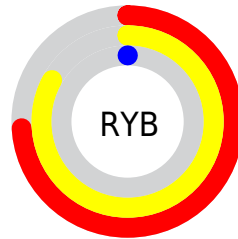
Distribution



Red (83%)

Green (44%)

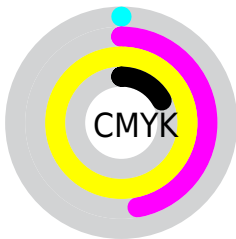
Blue (0%)



Red (74%)

Yellow (83%)

Blue (0%)

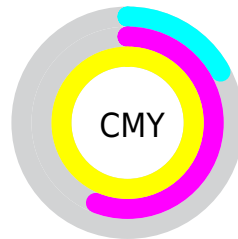


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (56%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9455, 25.5854, 3.2021 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 32.9455, 25.5854, 3.2021 by changing the saturation by 10% instead.


 32.9455, 25.5854,
3.2021


 32.9455, 25.5854,
3.2021


307.0734,
280.7409, 138.8944


 22.2437, 16.5137,
1.1987


 63.6457, 52.6053,
12.1232

 14.1537, 9.8884,
0.0000


 84.3748, 71.3224,
19.8780

 8.3101, 5.3250,
0.0000


 109.1771, 94.0234,
30.3870

 4.3475, 2.4392,
0.0000

 138.4179,
121.0927, 44.0688

 1.9005, 0.8460,
0.0000

 172.4626,
152.9147, 61.3419


 0.5771, 0.0000,
0.0000


 211.6765,


 0.0000, 0.0000,


189.8738, 82.6249


0.0000


 256.4250,
232.3544, 108.3362


 32.9455, 25.5854,
3.2021


 32.9455, 25.5854,
3.2021


 32.9456, 25.5859,
3.2021

 34.2487, 27.9725,
4.3138

 35.8284, 30.6712,
6.2608

 37.7392, 33.7103,
9.3099

 40.0123, 37.1079,
13.6081

 42.6742, 40.8801,
19.2794

■ 45.7488, 45.0414,
26.4325

■ 49.2575, 49.6056,
35.1652

■ 53.2202, 54.5853,
45.5670

■ 57.6552, 59.9927,
57.7203

Harmonies

Analogous

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



41.4984, 25.5854, 9.0796



32.9455, 25.5854, 3.2021



23.5589, 25.5854, 2.0923

Triad

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



32.9455, 25.5854, 3.2021



11.0487, 25.5854, 30.1139



34.5996, 25.5854, 91.6889

Complementary

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



32.9455, 25.5854, 3.2021



16.4409, 13.8679, 64.0969

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.



25.0935, 25.5854, 109.4829



32.9455, 25.5854, 3.2021



12.6859, 25.5854, 62.8883

Square

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



32.9455, 25.5854, 3.2021



12.1952, 25.5854, 11.0041



17.3460, 25.5854, 96.6375



42.6037, 25.5854, 56.5634

Rectangle

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



32.9455, 25.5854, 3.2021



18.3877, 25.5854, 2.8149



17.3460, 25.5854, 96.6375



31.4035, 25.5854, 100.6065

Sweetspot

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



32.9461, 25.5868, 3.2025



74.6359, 75.1139, 52.9479



29.5729, 14.9658, 14.0231



15.4734, 15.4308, 10.0660



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.



32.9461, 25.5868, 3.2025



49.8651, 38.5102, 4.8050



49.6869, 60.5640, 9.0715



12.9609, 13.4960, 13.0826



20.4403, 15.9979, 2.0106



1.3155, 1.1301, 0.1488

Inverse Universe

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



16.4409, 13.8679, 64.0969



24.8001, 20.7201, 97.3000



11.9280, 4.7765, 62.5799



12.2208, 12.9650, 15.7959



10.2482, 8.7582, 39.6035



0.7006, 0.6932, 2.4162

Previews

White Background



This preview shows how the XYZ color 32.9455, 25.5854, 3.2021 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 32.9455, 25.5854, 3.2021 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 32.9455, 25.5854, 3.2021

Background



This preview shows how black text looks on a background with the XYZ color 32.9455, 25.5854, 3.2021.



This preview shows how white text looks on a background with the XYZ color 32.9455, 25.5854,

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

32.9455, 25.5854, 3.2021

Protanopia

23.2464, 25.6770, 4.3032

Deuteranopia

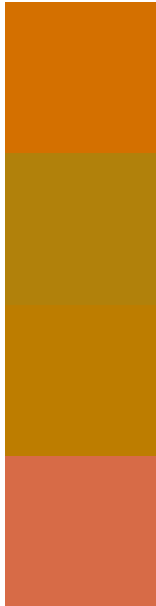
26.1558, 25.7326, 3.5883



Tritanopia

36.1385, 25.6473, 18.0846

Trichromacy



Original Color

32.9455, 25.5854, 3.2021

Protanomaly

26.0421, 25.0718, 3.7834

Deuteranomaly

28.3199, 25.4860, 3.4267

Tritanomaly

34.4194, 25.4174, 9.0532

Monochromacy



Original Color

32.9455, 25.5854, 3.2021

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.9040, 22.1460, 11.0501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9455, 25.5854, 3.2021 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(212, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 112, 0)  
}
```

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(212, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 112, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.9455, 25.5854, 3.2021 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(212, 112, 0) }
```


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

```
.border{ border-color:rgb(212, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 112,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9455, 25.5854, 3.2021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 112, 0) }
```

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

```
.background{ background-color: rgb(212,  
112, 0) }
```

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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