

Converting Colors

XYZ(32.5812, 25.0063, 3.1095)

Have a look what the booklet for
XYZ(32.5812, 25.0063, 3.1095)
contains.

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Color

**XYZ(32.7273, 25.1489,
3.1293)**

Conversions

Conversions Part 1

Format	Color
Hex	D46E00
RGB	212, 110, 0
RGB Percent	83%, 43%, 0%
CMY	0.1686, 0.5686, 1.0000
CMYK	0.00, 0.48, 1.00, 0.17
HSL	31°, 100%, 42%
HSV	31°, 100%, 83%
XYZ	32.7273, 25.1489, 3.1293
YIQ	127.9580, 96.1020, -12.5860

Conversions

Conversions Part 2

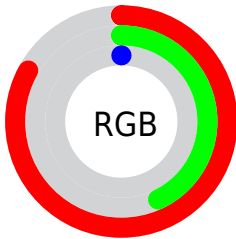
Format	Color
RYB	197, 212, 0
Decimal	13921792
CIELab	57.22, 34.85, 64.98
CIElCh	57, 73.734, 61.797
Yxy	25.1489, 0.5365, 0.4122
Android (android.graphics.Color)	4292111872 (0xFFD46E00)
YUV	127.9580, -63.0833, 73.7048
Hunter-Lab	50.1487, 28.7299, 31.4044

Details

The XYZ color **32.7273, 25.1489, 3.1293** 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 **16.6349, 14.2561, 64.1618**, and the grayscale version is **20.6929, 21.7705, 23.7081**.

A 20% lighter version of the original color is **55.3503, 47.8596, 11.6307**, and **14.1935, 9.7157, 1.1272** is the 20% darker color. If you saturate the color by 10%, you get **32.7275, 25.1496, 3.1294**, and if you desaturate by 10%, it is **34.0297, 27.5345, 4.2407**.

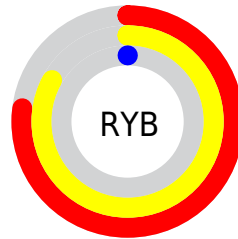
Distribution



Red (83%)

Green (43%)

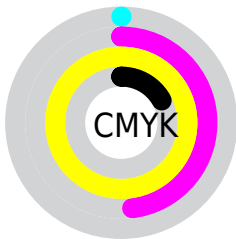
Blue (0%)



Red (77%)

Yellow (83%)

Blue (0%)

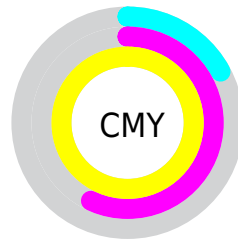


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (17%)



Cyan (17%)


Magenta (57%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7273, 25.1489, 3.1293 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 32.7273, 25.1489, 3.1293 by changing the saturation by 10% instead.


 32.7273, 25.1489,
3.1293


 32.7273, 25.1489,
3.1293


306.1059,
278.5787, 137.9908


 22.0759, 16.1880,
1.1610


 63.3071, 51.8987,
11.9459

 14.0296, 9.6573,
0.0000


 83.9661, 70.4564,
19.6312

 8.2231, 5.1723,
0.0000


 108.6917, 92.9818,
30.0594

 4.2910, 2.3487,
0.0000

 137.8493,
119.8593, 43.6489

 1.8681, 0.7993,
0.0000

 171.8041,
151.4734, 60.8182


 0.5582, 0.0000,
0.0000


 210.9216,


 0.0000, 0.0000,


188.2084, 81.9859


0.0000


 255.5671,
230.4487, 107.5706


 32.7273, 25.1489,
3.1293


 32.7273, 25.1489,
3.1293


 32.7275, 25.1496,
3.1294

 34.0297, 27.5345,
4.2407

 35.6131, 30.2405,
6.1888

 37.5322, 33.2962,
9.2406

 39.8184, 36.7203,
13.5431

 42.4987, 40.5290,
19.2204

■ 45.5969, 44.7376,
26.3812

■ 49.1348, 49.3601,
35.1236

■ 53.1323, 54.4096,
45.5369

■ 57.6081, 59.8986,
57.7037

Harmonies

Analogous

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



41.1568, 25.1489, 9.0839



32.7273, 25.1489, 3.1293



23.3819, 25.1489, 1.9745

Triad

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



32.7273, 25.1489, 3.1293



10.7640, 25.1489, 28.9149



33.8619, 25.1489, 91.7555

Complementary

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



32.7273, 25.1489, 3.1293



16.6349, 14.2561, 64.1618

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.



24.4324, 25.1489, 108.7834



32.7273, 25.1489, 3.1293



12.3045, 25.1489, 61.2423

Square

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



32.7273, 25.1489, 3.1293



11.9702, 25.1489, 10.3906



16.8277, 25.1489, 95.1654



41.9160, 25.1489, 56.8935

Rectangle

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



32.7273, 25.1489, 3.1293



18.2066, 25.1489, 2.6254



16.8277, 25.1489, 95.1654



30.6793, 25.1489, 100.4601

Sweetspot

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



32.7278, 25.1503, 3.1297



74.4481, 74.7384, 52.8853



29.5729, 14.9657, 14.0229



15.4290, 15.3419, 10.0512



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.



32.7278, 25.1503, 3.1297



49.5342, 37.8484, 4.6947



49.6870, 60.5641, 9.0715



12.9510, 13.4761, 13.0793



20.3054, 15.7280, 1.9656



1.3074, 1.1141, 0.1461

Inverse Universe

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



16.6349, 14.2561, 64.1618



25.0938, 21.3076, 97.3979



11.9280, 4.7764, 62.5801



12.2307, 12.9848, 15.7992



10.3687, 8.9991, 39.6437



0.7080, 0.7081, 2.4187

Previews

White Background



This preview shows how the XYZ color 32.7273, 25.1489, 3.1293 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 32.7273, 25.1489, 3.1293 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 32.7273, 25.1489, 3.1293

Background



This preview shows how black text looks on a background with the XYZ color 32.7273, 25.1489, 3.1293.



This preview shows how white text looks on a background with the XYZ color 32.7273, 25.1489,

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

32.7273, 25.1489, 3.1293

Protanopia

22.9080, 25.2886, 4.2461

Deuteranopia

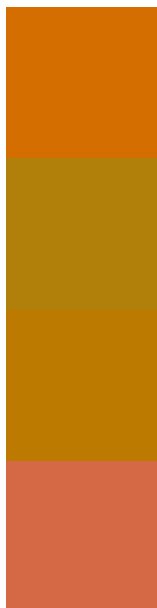
25.5719, 25.2313, 3.5223



Tritanopia

35.5360, 25.0539, 17.4309

Trichromacy



Original Color

32.7273, 25.1489, 3.1293

Protanomaly

25.6841, 24.6926, 3.7291

Deuteranomaly

27.8220, 24.8573, 3.3316

Tritanomaly

33.8573, 24.8290, 8.6382

Monochromacy



Original Color

32.7273, 25.1489, 3.1293

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.6207, 21.6398, 10.7692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7273, 25.1489, 3.1293 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, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 110, 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, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 110, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.7273, 25.1489, 3.1293 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, 110, 0) }
```


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

```
.border{ border-color:rgb(212, 110, 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, 110, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 110,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7273, 25.1489, 3.1293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 110, 0) }
```

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

```
.background{ background-color: rgb(212,  
110, 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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