

Converting Colors

XYZ(32.1602, 26.9389, 3.5059)

Have a look what the booklet for
XYZ(32.1602, 26.9389, 3.5059)
contains.

XYZ(32.1364, 26.8982, 3.4981)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.1364, 26.8982,
3.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	CD7A00
RGB	205, 122, 0
RGB Percent	80%, 48%, 0%
CMY	0.1961, 0.5215, 1.0000
CMYK	0.00, 0.40, 1.00, 0.20
HSL	36°, 100%, 40%
HSV	36°, 100%, 80%
XYZ	32.1364, 26.8982, 3.4981
YIQ	132.9090, 88.6300, -20.3460

Conversions

Conversions Part 2

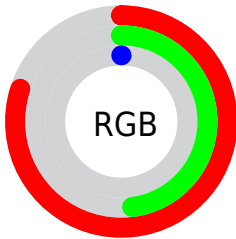
Format	Color
R_{YB}	139, 205, 0
Decimal	13466112
CIE Lab	58.88, 25.57, 65.52
CIE LCh	59, 70.336, 68.682
Yxy	26.8982, 0.5139, 0.4301
Android (android.graphics.Color)	4291656192 (0xFFCD7A00)
YUV	132.9090, -65.5241, 63.2238
Hunter-Lab	51.8635, 19.8437, 32.3054

Details

The XYZ color **32.1364, 26.8982, 3.4981** is a dark color, and the websafe version is hex **CC6600**, and the color name is **mustard brown**. The color can be described as dark washed orange. A complement of this color would be **14.1129, 10.5946, 59.0584**, and the grayscale version is **22.4707, 23.6409, 25.7450**.

A 20% lighter version of the original color is **57.6442, 52.3496, 12.6965**, and **13.8841, 10.6944, 1.3324** is the 20% darker color. If you saturate the color by 10%, you get **32.1365, 26.8988, 3.4982**, and if you desaturate by 10%, it is **33.3309, 29.0781, 4.5417**.

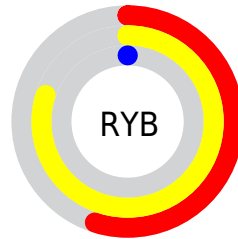
Distribution



Red (80%)

Green (48%)

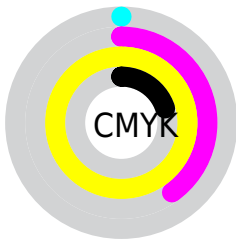
Blue (0%)



Red (55%)

Yellow (80%)

Blue (0%)

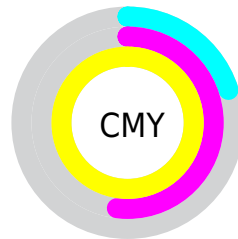


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1364, 26.8982, 3.4981 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 32.1364, 26.8982, 3.4981 by changing the saturation by 10% instead.

■ 32.1364, 26.8982,
3.4981

■ 32.1364, 26.8982,
3.4981

303.4744,
287.1639, 142.4718

■ 21.6218, 17.4968,
1.3543

■ 62.3886, 54.7205,
12.8346

■ 13.6943, 10.5893,
0.1056

■ 82.8569, 73.9101,
20.8644

■ 7.9886, 5.7914,
0.0000

■ 107.3738, 97.1313,
31.6932

■ 4.1394, 2.7187,
0.0000

■ 136.3046,
124.7684, 45.7395

■ 1.7813, 0.9867,
0.0000

■ 170.0147,
157.2058, 63.4221


■ 0.5064, 0.0000,
0.0000


■ 208.8695,


■ 0.0000, 0.0000,


194.8279, 85.1592


0.0000


 253.2342,
238.0191, 111.3696


 32.1364, 26.8982,
3.4981


 32.1364, 26.8982,
3.4981

 32.1365, 26.8988,
3.4982

 33.3309, 29.0781,
4.5417

 34.7526, 31.4904,
6.3452

 36.4517, 34.1594,
9.1592

 38.4554, 37.0993,
13.1183

 40.7872, 40.3224,
18.3362

■ 43.4676, 43.8398,
24.9125

■ 46.5154, 47.6621,
32.9369

■ 49.9478, 51.7987,
42.4914

■ 53.7807, 56.2589,
53.6516

Harmonies

Analogous

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



40.9589, 26.8982, 8.4009



32.1364, 26.8982, 3.4981



23.1251, 26.8982, 2.8776

Triad

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



32.1364, 26.8982, 3.4981



12.3471, 26.8982, 37.1236



37.4995, 26.8982, 84.7994

Complementary

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



32.1364, 26.8982, 3.4981



14.1129, 10.5946, 59.0584

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.



28.1728, 26.8982, 106.6665



32.1364, 26.8982, 3.4981



14.6121, 26.8982, 70.5478

Square

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



32.1364, 26.8982, 3.4981



12.9425, 26.8982, 15.1045



19.9583, 26.8982, 100.3409



44.5113, 26.8982, 50.3641

Rectangle

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



32.1364, 26.8982, 3.4981



18.3538, 26.8982, 4.1668



19.9583, 26.8982, 100.3409



34.4561, 26.8982, 94.5513

Sweetspot

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



32.1370, 26.8996, 3.4986



75.9894, 77.8208, 53.3990



26.8332, 13.6418, 9.9012



15.7946, 16.0732, 10.1730



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.



32.1370, 26.8996, 3.4986



52.4293, 43.6386, 5.6598



42.5498, 54.3432, 8.2469



11.7581, 12.3051, 11.8348



20.1017, 16.9363, 2.2096



1.1103, 1.0203, 0.1384

Inverse Universe

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



14.1129, 10.5946, 59.0584



22.9242, 16.9683, 96.6747



11.2523, 4.5279, 58.0381



10.9684, 11.5772, 14.2269



8.8735, 6.7709, 36.7955



0.5317, 0.4971, 1.9229

Previews

White Background



This preview shows how the XYZ color 32.1364, 26.8982, 3.4981 looks on a white background.

Color Contrast Check

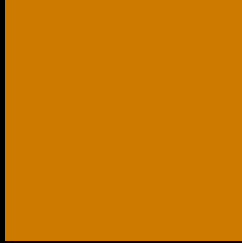
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1364, 26.8982, 3.4981 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 32.1364, 26.8982, 3.4981

Background



This preview shows how black text looks on a background with the XYZ color 32.1364, 26.8982, 3.4981.



This preview shows how white text looks on a background with the XYZ color 32.1364, 26.8982,

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

32.1364, 26.8982, 3.4981

Protanopia

24.4132, 27.1559, 4.4451

Deuteranopia

27.4864, 27.0312, 3.7689



Tritanopia

35.7125, 26.7707, 21.6974

Trichromacy



Original Color

32.1364, 26.8982, 3.4981

Protanomaly

26.6233, 26.5800, 4.0144

Deuteranomaly

28.9689, 26.7841, 3.6430

Tritanomaly

33.6330, 26.4507, 10.5406

Monochromacy



Original Color

32.1364, 26.8982, 3.4981

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.7880, 23.7273, 11.9204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1364, 26.8982, 3.4981 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(205, 122, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 122, 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(205, 122, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 122, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.1364, 26.8982, 3.4981 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(205, 122, 0) }
```


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

```
.border{ border-color:rgb(205, 122, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 122, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 122, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 122, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 122,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1364, 26.8982, 3.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 122, 0) }
```

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

```
.background{ background-color: rgb(205,  
122, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor