

Converting Colors

XYZ(32.5270, 32.0271, 4.4675)

Have a look what the booklet for
XYZ(32.5270, 32.0271, 4.4675)
contains.

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Color

**XYZ(32.5270, 32.0271,
4.4675)**

Conversions

Conversions Part 1

Format	Color
Hex	C29200
RGB	194, 146, 0
RGB Percent	76%, 57%, 0%
CMY	0.2392, 0.4274, 1.0000
CMYK	0.00, 0.25, 1.00, 0.24
HSL	45°, 100%, 38%
HSV	45°, 100%, 76%
XYZ	32.5270, 32.0271, 4.4675
YIQ	143.7080, 75.4740, -35.2300

Conversions

Conversions Part 2

Format	Color
RYB	64, 194, 0
Decimal	12751360
CIELab	63.37, 7.64, 67.86
CIELCh	63, 68.284, 83.574
Yxy	32.0271, 0.4713, 0.4640
Android (android.graphics.Color)	4290941440 (0xFFC29200)
YUV	143.7080, -70.8480, 44.1061
Hunter-Lab	56.5925, 3.5575, 34.9343

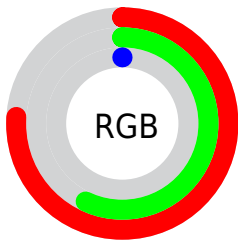
Details

The XYZ color **32.5270, 32.0271, 4.4675** is a dark color, and the websafe version is hex **CC9900**.

The color can be described as dark washed orange. A complement of this color would be **10.7949, 6.0095, 51.6295**, and the grayscale version is **26.6477, 28.0355, 30.5306**.

A 20% lighter version of the original color is **63.0969, 63.0496, 15.1476**, and **14.1745, 13.5166, 1.8619** is the 20% darker color. If you saturate the color by 10%, you get **32.5272, 32.0277, 4.4676**, and if you desaturate by 10%, it is **33.4043, 33.5882, 5.3573**.

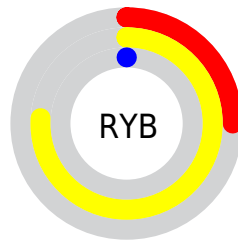
Distribution



Red (76%)

Green (57%)

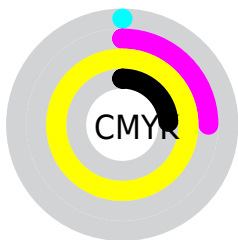
Blue (0%)



Red (25%)

Yellow (76%)

Blue (0%)

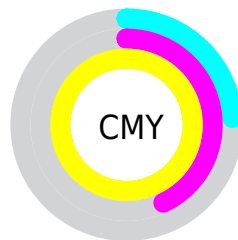


Cyan (0%)

Magenta (25%)

Yellow (100%)

Black (24%)



Cyan (24%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5270, 32.0271, 4.4675 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 32.5270, 32.0271, 4.4675 by changing the saturation by 10% instead.


 32.5270, 32.0271,
4.4675


 32.5270, 32.0271,
4.4675


305.2158,
311.2427, 153.2879


 21.9218, 21.3822,
1.8852


 62.9960, 62.8536,
15.0744


 13.9158, 13.4037,
0.4833


 83.5905, 83.8039,
23.9360


 8.1434, 7.7071,
0.0000


 108.2456,
108.9582, 35.7277

 4.2394, 3.9081,
0.0000

 137.3265,
138.7009, 50.8682

 1.8385, 1.6223,
0.0000

 171.1986,
173.4162, 69.7759

 0.5407, 0.3726,
0.0000

 210.2273,

 0.0000, 0.0000,

213.4887, 92.8694

0.0000

254.7779,
259.3028, 120.5672

32.5270, 32.0271,
4.4675

32.5270, 32.0271,
4.4675

32.5272, 32.0277,
4.4676

33.4043, 33.5882,
5.3573

34.4333, 35.2590,
6.8940

35.6581, 37.0590,
9.3050

37.1012, 38.9977,
12.7069

38.7816, 41.0834,
17.1980

■ 40.7161, 43.3233,
22.8651

■ 42.9197, 45.7240,
29.7860

■ 45.4064, 48.2915,
38.0316

■ 48.1889, 51.0315,
47.6679

Harmonies

Analogous

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



42.5984, 32.0271, 7.4752



32.5270, 32.0271, 4.4675



23.7171, 32.0271, 5.5715

Triad

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



32.5270, 32.0271, 4.4675



16.6035, 32.0271, 60.1945



47.5898, 32.0271, 75.9640

Complementary

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



32.5270, 32.0271, 4.4675



10.7949, 6.0095, 51.6295

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.



38.3284, 32.0271, 107.9426



32.5270, 32.0271, 4.4675



20.8490, 32.0271, 96.0015

Square

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



32.5270, 32.0271, 4.4675



15.6821, 32.0271, 29.3491



28.4458, 32.0271, 116.7274



52.3856, 32.0271, 41.0477

Rectangle

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



32.5270, 32.0271, 4.4675



19.5255, 32.0271, 9.0759



28.4458, 32.0271, 116.7274



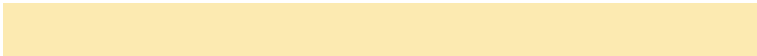
44.8136, 32.0271, 88.0166

Sweetspot

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



32.5277, 32.0287, 4.4681



77.5565, 82.6247, 53.3067



22.7921, 11.6871, 3.9063



16.5969, 17.6776, 10.4404



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.



32.5277, 32.0287, 4.4681



58.7198, 57.6030, 8.0236



31.0575, 44.6487, 6.9815



10.6956, 11.3225, 10.6836



21.4532, 21.1922, 2.9598



0.9785, 1.0189, 0.1451

Inverse Universe

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



10.7949, 6.0095, 51.6295



19.3897, 10.5521, 93.4846



10.9807, 4.5361, 51.3353



9.7263, 10.1438, 12.7302



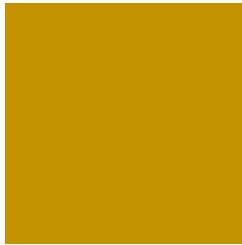
7.1524, 4.0614, 33.9636



0.3656, 0.2887, 1.4863

Previews

White Background



This preview shows how the XYZ color 32.5270, 32.0271, 4.4675 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.5270, 32.0271, 4.4675 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5270, 32.0271, 4.4675

Background



This preview shows how black text looks on a background with the XYZ color 32.5270, 32.0271, 4.4675.



This preview shows how white text looks on a background with the XYZ color 32.5270, 32.0271,

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

32.5270, 32.0271, 4.4675

Protanopia

29.0659, 32.1318, 4.9573

Deuteranopia

32.8065, 32.1686, 4.5949



Tritanopia

38.0799, 32.1011, 31.3832

Trichromacy



Original Color

32.5270, 32.0271, 4.4675

Protanomaly

30.1555, 31.9701, 4.7538

Deuteranomaly

32.8010, 32.1664, 4.5661

Tritanomaly

34.6426, 31.5522, 14.6203

Monochromacy



Original Color

32.5270, 32.0271, 4.4675

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.9575, 28.7049, 14.2450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5270, 32.0271, 4.4675 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(194, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 146, 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(194, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 146, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.5270, 32.0271, 4.4675 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(194, 146, 0) }
```


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

```
.border{ border-color:rgb(194, 146, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 146,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5270, 32.0271, 4.4675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 146, 0) }
```

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

```
.background{ background-color: rgb(194,  
146, 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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