

Converting Colors

XYZ(29.1184, 26.5536, 1.4132)

Have a look what the booklet for
XYZ(29.1184, 26.5536, 1.4132)
contains.

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Color

**XYZ(29.4574, 26.6448,
3.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	C08000
RGB	192, 128, 0
RGB Percent	75%, 50%, 0%
CMY	0.2471, 0.4980, 1.0000
CMYK	0.00, 0.33, 1.00, 0.25
HSL	40°, 100%, 38%
HSV	40°, 100%, 75%
XYZ	29.4574, 26.6448, 3.5904
YIQ	132.5440, 79.2320, -26.2400

Conversions

Conversions Part 2

Format	Color
RYB	96, 192, 0
Decimal	12615680
CIELab	58.64, 16.63, 64.56
CIELCh	59, 66.669, 75.559
Yxy	26.6448, 0.4935, 0.4464
Android (android.graphics.Color)	4290805760 (0xFFC08000)
YUV	132.5440, -65.3442, 52.1429
Hunter-Lab	51.6186, 11.5328, 32.0090

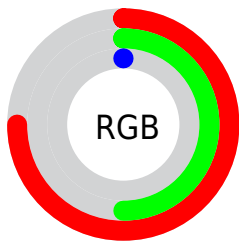
Details

The XYZ color **29.4574, 26.6448, 3.5904** is a dark color, and the websafe version is hex **CC9933**.

The color can be described as dark washed orange. A complement of this color would be **11.3481, 7.4730, 50.7131**, and the grayscale version is **22.3392, 23.5026, 25.5943**.

A 20% lighter version of the original color is **58.1061, 54.3601, 13.0602**, and **12.4688, 10.5785, 1.3847** is the 20% darker color. If you saturate the color by 10%, you get **29.4575, 26.6453, 3.5905**, and if you desaturate by 10%, it is **30.4386, 28.4165, 4.5062**.

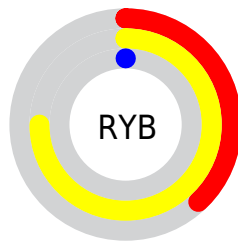
Distribution



Red (75%)

Green (50%)

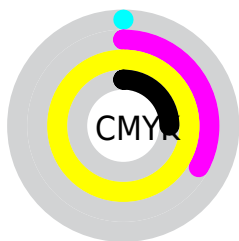
Blue (0%)



Red (38%)

Yellow (75%)

Blue (0%)

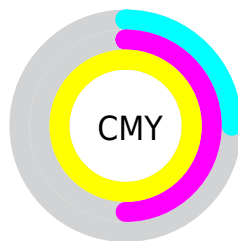


Cyan (0%)

Magenta (33%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (50%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4574, 26.6448, 3.5904 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 29.4574, 26.6448, 3.5904 by changing the saturation by 10% instead.


 29.4574, 26.6448,
3.5904


 29.4574, 26.6448,
3.5904


291.3224,
285.9332, 143.5577


 19.5731, 17.3066,
1.4034


 58.1956, 54.3134,
13.0535

 12.1916, 10.4534,
0.1444


 77.7802, 73.4125,
21.1667

 6.9474, 5.7006,
0.0000


 101.3289, 96.5342,
32.0925

 3.4753, 2.6639,
0.0000

 129.2072,
124.0627, 46.2493

 1.4098, 0.9589,
0.0000

 161.7803,
156.3824, 64.0556

 0.2632, 0.0000,
0.0000

 199.4137,

 0.0000, 0.0000,

193.8778, 85.9301

0.0000

242.4726,
236.9333, 112.2913

29.4574, 26.6448,
3.5904

29.4574, 26.6448,
3.5904

29.4575, 26.6453,
3.5905

30.4386, 28.4165,
4.5062

31.5907, 30.3412,
6.0600

32.9574, 32.4390,
8.4754

34.5613, 34.7203,
11.8660

36.4213, 37.1941,
16.3281

■ 38.5543, 39.8684,
21.9462

■ 40.9756, 42.7508,
28.7962

■ 43.6991, 45.8481,
36.9478

■ 46.7377, 49.1668,
46.4651

Harmonies

Analogous

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



38.0244, 26.6448, 7.2591



29.4574, 26.6448, 3.5904



21.3326, 26.6448, 3.6473

Triad

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



29.4574, 26.6448, 3.5904



12.9850, 26.6448, 42.8638



38.3101, 26.6448, 73.4145

Complementary

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



29.4574, 26.6448, 3.5904



11.3481, 7.4730, 50.7131

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.



29.7870, 26.6448, 97.7275



29.4574, 26.6448, 3.5904



15.8242, 26.6448, 74.5763

Square

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



29.4574, 26.6448, 3.5904



12.9341, 26.6448, 19.1580



21.5985, 26.6448, 98.2403



43.8345, 26.6448, 41.7704

Rectangle

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



29.4574, 26.6448, 3.5904



17.2288, 26.6448, 5.6189



21.5985, 26.6448, 98.2403



35.6279, 26.6448, 83.3189

Sweetspot

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



29.4580, 26.6462, 3.5909



74.0207, 77.2003, 51.5212



22.6637, 11.5768, 5.8914



15.4682, 16.0774, 9.8712



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.4580, 26.6462, 3.5909



53.1347, 47.7979, 6.4254



33.3469, 45.1727, 6.9619



10.6214, 11.1743, 10.6589



19.8959, 18.0775, 2.4407



0.9208, 0.9035, 0.1259

Inverse Universe

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



11.3481, 7.4730, 50.7131



20.3556, 13.1278, 91.8214



10.1104, 4.1132, 50.1298



9.7965, 10.2843, 12.7536



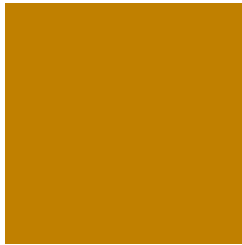
7.7004, 5.1573, 34.1462



0.3969, 0.3511, 1.4967

Previews

White Background



This preview shows how the XYZ color 29.4574, 26.6448, 3.5904 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 29.4574, 26.6448, 3.5904 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 29.4574, 26.6448, 3.5904

Background



This preview shows how black text looks on a background with the XYZ color 29.4574, 26.6448, 3.5904.



This preview shows how white text looks on a background with the XYZ color 29.4574, 26.6448,

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

29.4574, 26.6448, 3.5904

Protanopia

24.2429, 26.8486, 4.2853

Deuteranopia

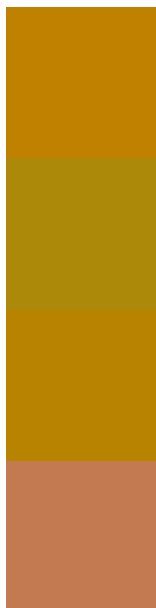
27.1155, 26.6339, 3.7117



Tritanopia

33.5191, 26.6225, 23.7941

Trichromacy



Original Color

29.4574, 26.6448, 3.5904

Protanomaly

26.0027, 26.6795, 4.0089

Deuteranomaly

28.0184, 26.6929, 3.6755

Tritanomaly

30.9504, 26.1153, 11.1941

Monochromacy



Original Color

29.4574, 26.6448, 3.5904

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.0824, 23.7585, 11.9636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4574, 26.6448, 3.5904 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(192, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(192, 128, 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(192, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 128, 0) }
```

Border

The CSS property to change the border of an element to XYZ 29.4574, 26.6448, 3.5904 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(192, 128, 0) }
```


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

```
.border{ border-color:rgb(192, 128, 0) }
```

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

Here you see how a box with a 4 pixel rgb(192, 128, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(192, 128,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4574, 26.6448, 3.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 128, 0) }
```

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

```
.background{ background-color: rgb(192,  
128, 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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