

Converting Colors

XYZ(29.8899, 24.8181, 8.0238)

Have a look what the booklet for
XYZ(29.8899, 24.8181, 8.0238)
contains.

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Color

**XYZ(29.7924, 24.6948,
8.0468)**

Conversions

Conversions Part 1

Format	Color
Hex	C37540
RGB	195, 117, 64
RGB Percent	76%, 46%, 25%
CMY	0.2353, 0.5412, 0.7490
CMYK	0.00, 0.40, 0.67, 0.24
HSL	24°, 52%, 51%
HSV	24°, 67%, 76%
XYZ	29.7924, 24.6948, 8.0468
YIQ	134.2800, 63.5010, 0.0530

Conversions

Conversions Part 2

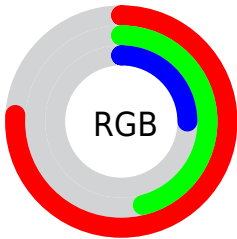
Format	Color
RYB	195, 153, 64
Decimal	12809536
CIELab	56.78, 25.95, 41.55
CIELCh	57, 48.987, 58.009
Yxy	24.6948, 0.4764, 0.3949
Android (android.graphics.Color)	4290999616 (0xFFC37540)
YUV	134.2800, -34.6480, 53.2514
Hunter-Lab	49.6939, 20.0498, 25.1850

Details

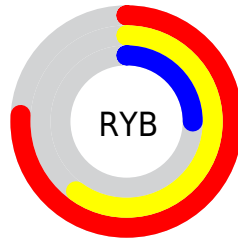
The XYZ color **29.7924, 24.6948, 8.0468** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **21.6371, 24.3749, 55.1940**, and the grayscale version is **22.8709, 24.0619, 26.2034**.

A 20% lighter version of the original color is **58.6520, 51.2244, 22.7156**, and **12.3140, 9.4059, 1.6567** is the 20% darker color. If you saturate the color by 10%, you get **28.0617, 21.9716, 5.1945**, and if you desaturate by 10%, it is **31.8861, 27.8337, 11.9773**.

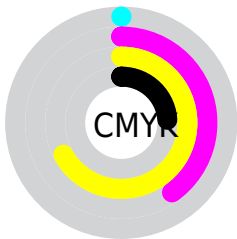
Distribution



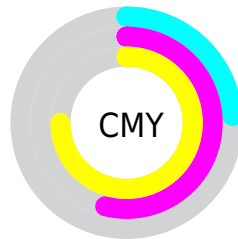
- Red (76%)
- Green (46%)
- Blue (25%)



- Red (76%)
- Yellow (60%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (67%)
- Black (24%)





- Cyan (24%)
- Magenta (54%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7924, 24.6948, 8.0468 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 29.7924, 24.6948, 8.0468 by changing the saturation by 10% instead.


 29.7924, 24.6948,
8.0468


 29.7924, 24.6948,
8.0468


292.8628,
276.3146, 186.0469


 19.8284, 15.8498,
4.0367


 58.7226, 51.1617,
22.5978


 12.3779, 9.4179,
1.6455


 78.4195, 69.5523,
33.9758


 7.0756, 5.0148,
0.3230


 102.0913, 91.8937,
48.6469

 3.5562, 2.2559,
0.0000

 130.1035,
118.5701, 67.0296

 1.4542, 0.7502,
0.0000

 162.8214,
149.9661, 89.5423

 0.2944, 0.0000,
0.0000

 200.6103,

 0.0000, 0.0000,

186.4658, 116.6038

0.0000

243.8357,
228.4539, 148.6325

■ 29.7924, 24.6948,
8.0468

■ 29.7924, 24.6948,
8.0468

■ 28.0617, 21.9716,
5.1945

■ 31.8861, 27.8337,
11.9773

■ 26.6647, 19.6396,
3.3052

■ 34.3649, 31.4035,
17.0826

■ 25.5663, 17.6752,
2.2221

■ 37.2511, 35.4227,
23.4496

■ 25.2944, 17.1796,
1.9828

■ 40.5646, 39.9079,
31.1567

■ 44.3237, 44.8745,
40.2760

■ 48.5456, 50.3371,
50.8741

■ 53.2467, 56.3098,
63.0137

■ 58.4423, 62.8059,
76.7535

■ 64.1471, 69.8385,
92.1493

Harmonies

Analogous

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



34.5797, 24.6948, 14.6451



29.7924, 24.6948, 8.0468



23.8557, 24.6948, 6.0982

Triad

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



29.7924, 24.6948, 8.0468



14.1081, 24.6948, 25.8093



29.0235, 24.6948, 65.3758

Complementary

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



29.7924, 24.6948, 8.0468



21.6371, 24.3749, 55.1940

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.



23.0918, 24.6948, 72.2380



29.7924, 24.6948, 8.0468



15.0405, 24.6948, 44.5547

Square

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



29.7924, 24.6948, 8.0468



15.3262, 24.6948, 13.4174



18.1148, 24.6948, 63.4177



34.0875, 24.6948, 47.2608

Rectangle

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



29.7924, 24.6948, 8.0468



20.2335, 24.6948, 6.6827



18.1148, 24.6948, 63.4177



27.0381, 24.6948, 69.3328

Sweetspot

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



29.7930, 24.6961, 8.0473



77.1887, 77.4914, 66.7413



29.2668, 17.2401, 27.6133



16.4788, 16.4091, 13.5836



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.



29.7930, 24.6961, 8.0473



48.9173, 37.1456, 7.3842



40.1385, 45.3872, 11.4958



10.4003, 10.7320, 10.5852



16.5179, 11.3215, 1.3147



0.7813, 0.6243, 0.0793

Inverse Universe

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



21.6371, 24.3749, 55.1940



33.1803, 36.3261, 97.7326



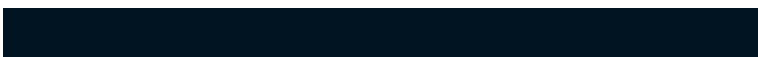
14.6257, 10.3521, 52.8569



10.0157, 10.7226, 12.8266



10.5531, 10.8626, 35.0971



0.5222, 0.6017, 1.5385

Previews

White Background



This preview shows how the XYZ color 29.7924, 24.6948, 8.0468 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 29.7924, 24.6948, 8.0468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

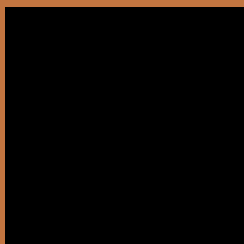
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7924, 24.6948, 8.0468

Background



This preview shows how black text looks on a background with the XYZ color 29.7924, 24.6948, 8.0468.



This preview shows how white text looks on a background with the XYZ color 29.7924, 24.6948,

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

29.7924, 24.6948, 8.0468

Protanopia

22.8136, 24.9128, 9.4006

Deuteranopia

25.1871, 24.7372, 7.8621



Tritanopia

32.3029, 24.7066, 20.5191

Trichromacy



Original Color

29.7924, 24.6948, 8.0468

Protanomaly

24.9624, 24.5981, 8.9011

Deuteranomaly

26.5632, 24.4800, 7.8825

Tritanomaly

31.1832, 24.5814, 14.9055

Monochromacy



Original Color

29.7924, 24.6948, 8.0468

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

24.1898, 23.6104, 17.7503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7924, 24.6948, 8.0468 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(195, 117, 64)` looks like.

```
.text, #text, p{  
    color:rgb(195, 117, 64)  
}
```

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(195, 117, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 117, 64) }
```

Border

The CSS property to change the border of an element to XYZ 29.7924, 24.6948, 8.0468 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(195, 117, 64) }
```


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

```
.border{ border-color:rgb(195, 117, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 117, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 117, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 117, 64);  
box-shadow:4px 4px 4px 4px rgb(195, 117,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7924, 24.6948, 8.0468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 117, 64) }
```

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

```
.background{ background-color: rgb(195,  
117, 64) }
```

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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