

Converting Colors

XYZ(30.2972, 25.6585, 8.3568)

Have a look what the booklet for
XYZ(30.2972, 25.6585, 8.3568)
contains.

XYZ(30.2972, 25.6585, 8.3568)	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(30.2972, 25.6585,
8.3568)**

Conversions

Conversions Part 1

Format	Color
Hex	C37941
RGB	195, 121, 65
RGB Percent	76%, 47%, 25%
CMY	0.2353, 0.5255, 0.7451
CMYK	0.00, 0.38, 0.67, 0.24
HSL	26°, 52%, 51%
HSV	26°, 67%, 76%
XYZ	30.2972, 25.6585, 8.3568
YIQ	136.7420, 62.0800, -1.7280

Conversions

Conversions Part 2

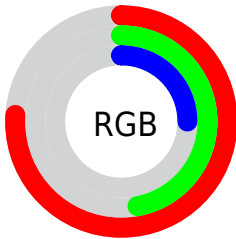
Format	Color
RYB	195, 163, 65
Decimal	12810561
CIELab	57.71, 23.83, 42.09
CIELCh	58, 48.372, 60.484
Yxy	25.6585, 0.4711, 0.3990
Android (android.graphics.Color)	4291000641 (0xFFC37941)
YUV	136.7420, -35.3688, 51.0923
Hunter-Lab	50.6542, 18.1192, 25.6764

Details

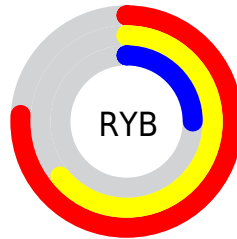
The XYZ color **30.2972, 25.6585, 8.3568** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **21.2624, 23.5280, 55.0502**, and the grayscale version is **23.7939, 25.0331, 27.2610**.

A 20% lighter version of the original color is **59.4706, 52.7699, 23.2708**, and **12.7274, 9.9905, 1.7478** is the 20% darker color. If you saturate the color by 10%, you get **28.5548, 22.9270, 5.4539**, and if you desaturate by 10%, it is **32.3910, 28.7810, 12.3390**.

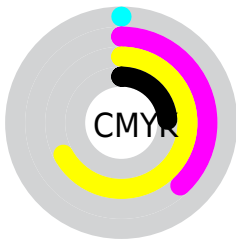
Distribution



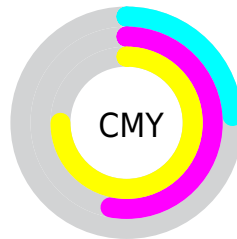
- Red (76%)
- Green (47%)
- Blue (25%)



- Red (76%)
- Yellow (64%)
- Blue (25%)



- Cyan (0%)
- Magenta (38%)
- Yellow (67%)
- Black (24%)





- Cyan (24%)
- Magenta (53%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2972, 25.6585, 8.3568 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 30.2972, 25.6585, 8.3568 by changing the saturation by 10% instead.


 30.2972, 25.6585,
8.3568


 30.2972, 25.6585,
8.3568


295.1723,
281.1016, 188.5423


 20.2135, 16.5683,
4.2331


 59.5153, 52.7235,
23.2126


 12.6595, 9.9272,
1.7541


 79.3803, 71.4671,
34.7818

 7.2699, 5.3507,
0.3974


 103.2365, 94.1974,
49.6698

 3.6793, 2.4545,
0.0000

 131.4493,
121.2986, 68.2953

 1.5223, 0.8537,
0.0000

 164.3838,
153.1553, 91.0767

 0.3410, 0.0000,
0.0000

202.4057,

 0.0000, 0.0000,

190.1518, 118.4327

0.0000

245.8800,
232.6724, 150.7817

■ 30.2972, 25.6585,
8.3568

■ 30.2972, 25.6585,
8.3568

■ 28.5548, 22.9270,
5.4539

■ 32.3910, 28.7810,
12.3390

■ 27.1356, 20.5638,
3.5164

■ 34.8575, 32.3078,
17.4960

■ 26.0070, 18.5479,
2.3961

■ 37.7179, 36.2562,
23.9142

■ 25.6764, 17.9438,
2.1102

■ 40.9915, 40.6410,
31.6713

■ 44.6958, 45.4764,
40.8388

■ 48.8473, 50.7758,
51.4830

■ 53.4618, 56.5519,
63.6660

■ 58.5541, 62.8169,
77.4464

■ 64.1381, 69.5827,
92.8795

Harmonies

Analogous

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



35.3012, 25.6585, 14.6781



30.2972, 25.6585, 8.3568



24.2936, 25.6585, 6.6389

Triad

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



30.2972, 25.6585, 8.3568



14.8589, 25.6585, 28.2083



30.4861, 25.6585, 65.4318

Complementary

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



30.2972, 25.6585, 8.3568



21.2624, 23.5280, 55.0502

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.



24.4819, 25.6585, 73.5187



30.2972, 25.6585, 8.3568



15.9929, 25.6585, 47.4470

Square

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



30.2972, 25.6585, 8.3568



15.9219, 25.6585, 14.9843



19.3013, 25.6585, 65.9085



35.4218, 25.6585, 46.7853

Rectangle

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



30.2972, 25.6585, 8.3568



20.6936, 25.6585, 7.4428



19.3013, 25.6585, 65.9085



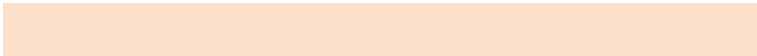
28.4970, 25.6585, 69.7426

Sweetspot

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



30.2978, 25.6598, 8.3573



77.5421, 78.1982, 66.8591



29.1913, 17.3010, 26.9354



16.5649, 16.5814, 13.6123



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.



30.2978, 25.6598, 8.3573



49.9107, 39.0466, 7.9795



40.6348, 46.3339, 11.8030



10.4221, 10.7755, 10.5925



16.7685, 11.8227, 1.3982



0.7929, 0.6475, 0.0832

Inverse Universe

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



21.2624, 23.5280, 55.0502



32.5172, 34.8184, 97.4766



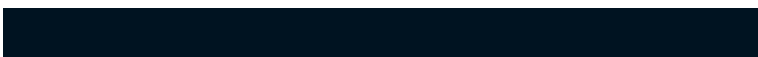
14.6035, 10.2102, 52.8306



9.9934, 10.6782, 12.8192



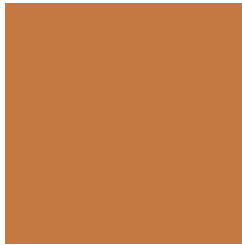
10.1811, 10.1187, 34.9731



0.5073, 0.5720, 1.5335

Previews

White Background



This preview shows how the XYZ color 30.2972, 25.6585, 8.3568 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 30.2972, 25.6585, 8.3568 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 30.2972, 25.6585, 8.3568

Background



This preview shows how black text looks on a background with the XYZ color 30.2972, 25.6585, 8.3568.



This preview shows how white text looks on a background with the XYZ color 30.2972, 25.6585,

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

30.2972, 25.6585, 8.3568

Protanopia

23.6964, 25.7902, 9.6903

Deuteranopia

26.1340, 25.6210, 8.1254



Tritanopia

33.1457, 25.6068, 21.9345

Trichromacy



Original Color

30.2972, 25.6585, 8.3568

Protanomaly

25.6876, 25.3672, 9.1727

Deuteranomaly

27.4388, 25.5005, 8.1785

Tritanomaly

32.0483, 25.6877, 15.8395

Monochromacy



Original Color

30.2972, 25.6585, 8.3568

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.0861, 24.6494, 18.4746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2972, 25.6585, 8.3568 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, 121, 65)` looks like.

```
.text, #text, p{  
    color:rgb(195, 121, 65)  
}
```

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, 121, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 121, 65) }
```

Border

The CSS property to change the border of an element to XYZ 30.2972, 25.6585, 8.3568 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, 121, 65) }
```


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

```
.border{ border-color:rgb(195, 121, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 121, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 121, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 121, 65);  
box-shadow:4px 4px 4px 4px rgb(195, 121,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2972, 25.6585, 8.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 121, 65) }
```

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

```
.background{ background-color: rgb(195,  
121, 65) }
```

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