

Converting Colors

XYZ(34.7675, 30.3656, 5.8460)

Have a look what the booklet for
XYZ(34.7675, 30.3656, 5.8460)
contains.

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Color

**XYZ(34.7498, 30.3249,
5.8555)**

Conversions

Conversions Part 1

Format	Color
Hex	D08526
RGB	208, 133, 38
RGB Percent	82%, 52%, 15%
CMY	0.1843, 0.4784, 0.8510
CMYK	0.00, 0.36, 0.82, 0.18
HSL	34°, 69%, 48%
HSV	34°, 82%, 82%
XYZ	34.7498, 30.3249, 5.8555
YIQ	144.5950, 75.1950, -13.6450

Conversions

Conversions Part 2

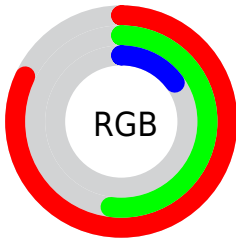
Format	Color
RYB	172, 208, 38
Decimal	13665574
CIELab	61.93, 21.61, 58.88
CIELCh	62, 62.716, 69.849
Yxy	30.3249, 0.4899, 0.4275
Android (android.graphics.Color)	4291855654 (0xFFD08526)
YUV	144.5950, -52.5513, 55.6062
Hunter-Lab	55.0680, 16.2704, 32.2432

Details

The XYZ color **34.7498, 30.3249, 5.8555** 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 **18.0893, 16.7757, 61.9587**, and the grayscale version is **26.9351, 28.3378, 30.8599**.

A 20% lighter version of the original color is **60.6872, 57.1331, 17.7268**, and **15.3060, 12.4824, 1.6026** is the 20% darker color. If you saturate the color by 10%, you get **33.3014, 27.8237, 4.1540**, and if you desaturate by 10%, it is **36.4966, 33.1237, 8.5809**.

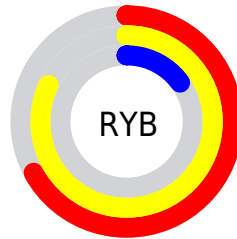
Distribution



Red (82%)

Green (52%)

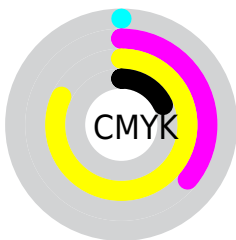
Blue (15%)



Red (67%)

Yellow (82%)

Blue (15%)

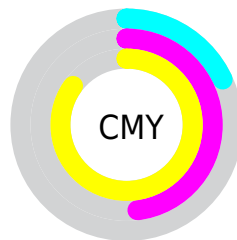


Cyan (0%)

Magenta (36%)

Yellow (82%)

Black (18%)



Cyan (18%)


Magenta (48%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7498, 30.3249, 5.8555 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 34.7498, 30.3249, 5.8555 by changing the saturation by 10% instead.


 34.7498, 30.3249,
5.8555


 34.7498, 30.3249,
5.8555


314.9900,
303.4160, 167.0356


 23.6358, 20.0853,
2.6900


 66.4346, 60.1756,
18.1027

 15.1870, 12.4571,
0.9384


 87.7361, 80.5555,
28.0215

 9.0379, 7.0558,
0.0000


 113.1641,
105.0844, 41.0285

 4.8232, 3.4970,
0.0000

 143.0840,
134.1465, 57.5423

 2.1776, 1.3964,
0.0000

 177.8613,
168.1263, 77.9813

 0.7309, 0.2141,
0.0000

 217.8611,

 0.0000, 0.0000,

207.4083, 102.7642

0.0000

263.4489,
252.3767, 132.3094

■ 34.7498, 30.3249,
5.8555

■ 34.7498, 30.3249,
5.8555

■ 33.3014, 27.8237,
4.1540

■ 36.4966, 33.1237,
8.5809

■ 32.2854, 25.9562,
3.3084

■ 38.5698, 36.2317,
12.4734

■ 40.9955, 39.6647,
17.6545

■ 43.7962, 43.4359,
24.2302

■ 46.9920, 47.5571,
32.2951

■ 50.6017, 52.0396,
41.9355

■ 54.6425, 56.8940,
53.2312

■ 59.1305, 62.1304,
66.2563

■ 64.0811, 67.7583,
81.0805

Harmonies

Analogous

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



43.0784, 30.3249, 11.3705



34.7498, 30.3249, 5.8555



26.1489, 30.3249, 5.2031

Triad

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



34.7498, 30.3249, 5.8555



15.6636, 30.3249, 41.5748



40.4539, 30.3249, 82.7533

Complementary

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



34.7498, 30.3249, 5.8555



18.0893, 16.7757, 61.9587

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.



31.6733, 30.3249, 102.7307



34.7498, 30.3249, 5.8555



18.1205, 30.3249, 72.3868

Square

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



34.7498, 30.3249, 5.8555



16.1686, 30.3249, 19.5147



23.6114, 30.3249, 98.2187



46.7897, 30.3249, 51.6448

Rectangle

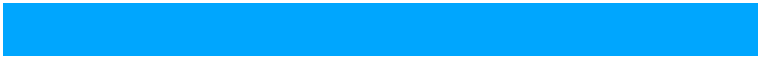
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.7498, 30.3249, 5.8555



21.5116, 30.3249, 6.9612



23.6114, 30.3249, 98.2187



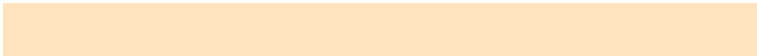
37.6274, 30.3249, 91.5441

Sweetspot

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



34.7505, 30.3265, 5.8561



78.1069, 79.9034, 60.7408



29.7713, 16.0226, 17.5932



16.2845, 16.5634, 11.8451



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.



34.7505, 30.3265, 5.8561



51.3563, 41.4479, 5.4399



46.5915, 57.4619, 10.4696



12.3488, 12.8884, 12.4489



20.2200, 16.3730, 2.0946



1.2090, 1.0722, 0.1432

Inverse Universe

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



18.0893, 16.7757, 61.9587



24.2837, 19.5927, 97.1096



13.2278, 6.5331, 60.2379



11.5867, 12.2637, 15.0001



9.5611, 7.7687, 38.1881



0.6130, 0.5913, 2.1614

Previews

White Background



This preview shows how the XYZ color 34.7498, 30.3249, 5.8555 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 34.7498, 30.3249, 5.8555 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 34.7498, 30.3249, 5.8555

Background



This preview shows how black text looks on a background with the XYZ color 34.7498, 30.3249, 5.8555.



This preview shows how white text looks on a background with the XYZ color 34.7498, 30.3249,

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

34.7498, 30.3249, 5.8555

Protanopia

27.4727, 30.3047, 6.5919

Deuteranopia

30.9480, 30.2803, 5.7269



Tritanopia

38.8819, 30.2549, 25.9808

Trichromacy



Original Color

34.7498, 30.3249, 5.8555

Protanomaly

29.9019, 30.1739, 6.3460

Deuteranomaly

32.3009, 30.3223, 5.7405

Tritanomaly

36.6579, 29.9095, 15.3963

Monochromacy



Original Color

34.7498, 30.3249, 5.8555

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.2748, 28.4152, 17.6301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7498, 30.3249, 5.8555 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(208, 133, 38)` looks like.

```
.text, #text, p{  
    color:rgb(208, 133, 38)  
}
```

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(208, 133, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 133, 38) }
```

Border

The CSS property to change the border of an element to XYZ 34.7498, 30.3249, 5.8555 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(208, 133, 38) }
```


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

```
.border{ border-color:rgb(208, 133, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 133, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 133, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 133, 38);  
box-shadow:4px 4px 4px 4px rgb(208, 133,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7498, 30.3249, 5.8555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 133, 38) }
```

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

```
.background{ background-color: rgb(208,  
133, 38) }
```

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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