

Converting Colors

XYZ(35.1240, 32.2355, 4.3708)

Have a look what the booklet for
XYZ(35.1240, 32.2355, 4.3708)
contains.

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Color

**XYZ(35.2570, 32.3152,
4.3792)**

Conversions

Conversions Part 1

Format	Color
Hex	CF8D00
RGB	207, 141, 0
RGB Percent	81%, 55%, 0%
CMY	0.1882, 0.4470, 1.0000
CMYK	0.00, 0.32, 1.00, 0.19
HSL	41°, 100%, 41%
HSV	41°, 100%, 81%
XYZ	35.2570, 32.3152, 4.3792
YIQ	144.6600, 84.5970, -29.8590

Conversions

Conversions Part 2

Format	Color
RYB	97, 207, 0
Decimal	13602048
CIELab	63.60, 16.14, 68.72
CIElCh	64, 70.592, 76.781
Yxy	32.3152, 0.4900, 0.4491
Android (android.graphics.Color)	4291792128 (0xFFCF8D00)
YUV	144.6600, -71.3174, 54.6722
Hunter-Lab	56.8465, 11.2270, 35.2251

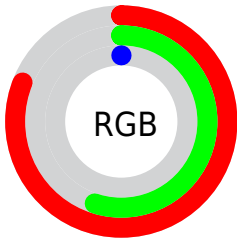
Details

The XYZ color **35.2570, 32.3152, 4.3792** 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 **13.2110, 8.4019, 59.9564**, and the grayscale version is **27.0331, 28.4409, 30.9721**.

A 20% lighter version of the original color is **61.7015, 60.3115, 14.5201**, and **15.7737, 13.6852, 1.8101** is the 20% darker color. If you saturate the color by 10%, you get **35.2571, 32.3158, 4.3793**, and if you desaturate by 10%, it is **36.3927, 34.3747, 5.4124**.

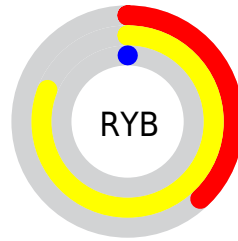
Distribution



Red (81%)

Green (55%)

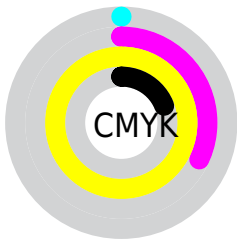
Blue (0%)



Red (38%)

Yellow (81%)

Blue (0%)

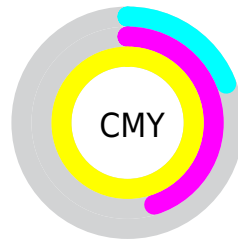


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (19%)



Cyan (19%)


Magenta (45%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2570, 32.3152, 4.3792 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 35.2570, 32.3152, 4.3792 by changing the saturation by 10% instead.


 35.2570, 32.3152,
4.3792


 35.2570, 32.3152,
4.3792


317.1894,
312.5526, 152.3513


 24.0284, 21.6024,
1.8356


 67.2151, 63.3049,
14.8753

 15.4795, 13.5650,
0.4513


 88.6753, 84.3505,
23.6648

 9.2451, 7.8188,
0.0000


 114.2767,
109.6093, 35.3734

 4.9598, 3.9792,
0.0000

 144.3847,
139.4654, 50.4196

 2.2582, 1.6619,
0.0000

 179.3646,
174.3035, 69.2220


 0.7731, 0.3988,
0.0000


 219.5818,


 0.0000, 0.0000,


214.5077, 92.1990


0.0000


 265.4016,
260.4626, 119.7693


 35.2570, 32.3152,
4.3792

 35.2570, 32.3152,
4.3792


 35.2571, 32.3158,
4.3793

 36.3927, 34.3747,
5.4124

 37.7289, 36.6073,
7.2130

 39.3152, 39.0359,
10.0359

 41.1789, 41.6728,
14.0186

 43.3427, 44.5286,
19.2772

■ 45.8267, 47.6128,
25.9134

■ 48.6493, 50.9339,
34.0189

■ 51.8271, 54.5002,
43.6772

■ 55.3755, 58.3191,
54.9655

Harmonies

Analogous

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



45.6117, 32.3152, 8.5974



35.2570, 32.3152, 4.3792



25.5600, 32.3152, 4.6005

Triad

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



35.2570, 32.3152, 4.3792



15.9047, 32.3152, 53.3038



46.7047, 32.3152, 86.9986

Complementary

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



35.2570, 32.3152, 4.3792



13.2110, 8.4019, 59.9564

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.



36.5195, 32.3152, 116.9673



35.2570, 32.3152, 4.3792



19.4757, 32.3152, 91.4348

Square

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



35.2570, 32.3152, 4.3792



15.7089, 32.3152, 24.1731



26.5802, 32.3152, 118.9234



53.1132, 32.3152, 49.1191

Rectangle

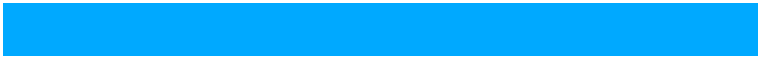
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.2570, 32.3152, 4.3792



20.7045, 32.3152, 7.1546



26.5802, 32.3152, 118.9234



43.5214, 32.3152, 99.0454

Sweetspot

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



35.2577, 32.3169, 4.3798



77.7930, 81.4282, 54.0002



26.8064, 13.6953, 6.8619



16.2250, 16.9340, 10.3165



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.



35.2577, 32.3169, 4.3798



56.3181, 51.4162, 6.9560



39.4361, 53.4527, 8.2392



12.4724, 13.1354, 12.4901



22.3024, 20.5377, 2.7887



1.3168, 1.2880, 0.1792

Inverse Universe

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



13.2110, 8.4019, 59.9564



21.0148, 13.1496, 96.0383



11.9391, 4.8540, 59.3386



11.4669, 12.0242, 14.9602



8.3992, 5.4450, 37.8008



0.5408, 0.4468, 2.1373

Previews

White Background



This preview shows how the XYZ color 35.2570, 32.3152, 4.3792 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 35.2570, 32.3152, 4.3792 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 35.2570, 32.3152, 4.3792

Background



This preview shows how black text looks on a background with the XYZ color 35.2570, 32.3152, 4.3792.



This preview shows how white text looks on a background with the XYZ color 35.2570, 32.3152,

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

35.2570, 32.3152, 4.3792

Protanopia

29.2495, 32.4704, 5.1066

Deuteranopia

32.7846, 32.1599, 4.4795



Tritanopia

40.3646, 32.3018, 29.3067

Trichromacy



Original Color

35.2570, 32.3152, 4.3792

Protanomaly

31.1999, 32.2693, 4.8139

Deuteranomaly

33.5264, 32.0886, 4.4267

Tritanomaly

37.3734, 31.9150, 13.8633

Monochromacy



Original Color

35.2570, 32.3152, 4.3792

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.0535, 29.0441, 14.2527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2570, 32.3152, 4.3792 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(207, 141, 0)` looks like.

```
.text, #text, p{  
    color:rgb(207, 141, 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(207, 141, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 141, 0) }
```

Border

The CSS property to change the border of an element to XYZ 35.2570, 32.3152, 4.3792 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(207, 141, 0) }
```


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

```
.border{ border-color:rgb(207, 141, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 141, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 141, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 141, 0);  
box-shadow:4px 4px 4px 4px rgb(207, 141,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2570, 32.3152, 4.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 141, 0) }
```

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

```
.background{ background-color: rgb(207,  
141, 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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