

Converting Colors

XYZ(35.5556, 25.8202, 3.4906)

Have a look what the booklet for
XYZ(35.5556, 25.8202, 3.4906)
contains.

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Color

**XYZ(35.5556, 25.8202,
3.4906)**

Conversions

Conversions Part 1

Format	Color
Hex	DF690D
RGB	223, 105, 13
RGB Percent	87%, 41%, 5%
CMY	0.1255, 0.5882, 0.9490
CMYK	0.00, 0.53, 0.94, 0.13
HSL	26°, 89%, 46%
HSV	26°, 94%, 87%
XYZ	35.5556, 25.8202, 3.4906
YIQ	129.7940, 99.8600, -3.5960

Conversions

Conversions Part 2

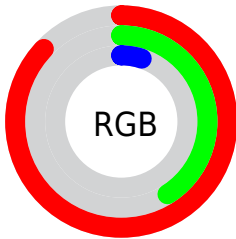
Format	Color
RYB	223, 177, 13
Decimal	14641421
CIELab	57.87, 41.88, 63.82
CIELCh	58, 76.335, 56.726
Yxy	25.8202, 0.5481, 0.3981
Android (android.graphics.Color)	4292831501 (0xFFDF690D)
YUV	129.7940, -57.5794, 81.7417
Hunter-Lab	50.8136, 35.9774, 31.4966

Details

The XYZ color **35.5556, 25.8202, 3.4906** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **21.6011, 21.6451, 72.8507**, and the grayscale version is **21.3187, 22.4290, 24.4251**.

A 20% lighter version of the original color is **54.6366, 46.1816, 12.1652**, and **15.7703, 10.0198, 1.1028** is the 20% darker color. If you saturate the color by 10%, you get **34.7708, 24.3671, 2.8707**, and if you desaturate by 10%, it is **37.1632, 28.6592, 5.1871**.

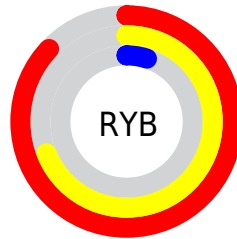
Distribution



Red (87%)

Green (41%)

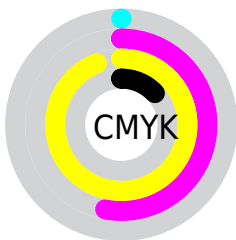
Blue (5%)



Red (87%)

Yellow (69%)

Blue (5%)

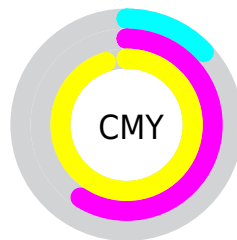


Cyan (0%)

Magenta (53%)

Yellow (94%)

Black (13%)



Cyan (13%)


Magenta (59%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5556, 25.8202, 3.4906 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 35.5556, 25.8202, 3.4906 by changing the saturation by 10% instead.


 35.5556, 25.8202,
3.4906


 35.5556, 25.8202,
3.4906


318.4792,
281.8983, 142.3829


 24.2597, 16.6892,
1.3503


 67.6740, 52.9847,
12.8168

 15.6521, 10.0131,
0.1025


 89.2271, 71.7871,
20.8397

 9.3676, 5.4077,
0.0000


 114.9301, 94.5819,
31.6605

 5.0408, 2.4884,
0.0000

 145.1482,
121.7537, 45.6979

 2.3062, 0.8708,
0.0000

 180.2468,
153.6869, 63.3703


 0.7978, 0.0000,
0.0000


 220.5912,


 0.0000, 0.0000,


190.7658, 85.0962


0.0000


 266.5469,
233.3748, 111.2943

 35.5556, 25.8202,
3.4906


 35.5556, 25.8202,
3.4906


 34.7708, 24.3671,
2.8707

 37.1632, 28.6592,
5.1871

 39.1765, 31.9726,
8.0571

 41.6377, 35.7899,
12.2848

 44.5822, 40.1363,
18.0213

 48.0407, 45.0348,
25.3974

■ 52.0414, 50.5065,
34.5296

■ 56.6099, 56.5713,
45.5237

■ 61.7702, 63.2482,
58.4769

■ 67.5447, 70.5550,
73.4796

Harmonies

Analogous

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



43.9244, 25.8202, 10.9565



35.5556, 25.8202, 3.4906



25.5633, 25.8202, 1.8208

Triad

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



35.5556, 25.8202, 3.4906



10.8001, 25.8202, 25.3244



33.3665, 25.8202, 101.7526

Complementary

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



35.5556, 25.8202, 3.4906



21.6011, 21.6451, 72.8507

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.



23.5470, 25.8202, 114.8113



35.5556, 25.8202, 3.4906



11.9105, 25.8202, 57.5280

Square

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



35.5556, 25.8202, 3.4906



12.5440, 25.8202, 8.4992



16.0749, 25.8202, 95.0974



42.4551, 25.8202, 65.9702

Rectangle

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



35.5556, 25.8202, 3.4906



19.8037, 25.8202, 2.1730



16.0749, 25.8202, 95.0974



29.9800, 25.8202, 109.6374

Sweetspot

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



35.5562, 25.8216, 3.4910



74.1202, 73.2446, 55.3589



34.7401, 17.6418, 23.4047



15.2976, 14.9218, 10.4923



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.



35.5562, 25.8216, 3.4910



47.0033, 32.7867, 3.8511



53.3041, 61.3175, 9.4070



14.1988, 14.6837, 14.3927



20.5532, 14.5442, 1.7240



1.5126, 1.1841, 0.1488

Inverse Universe

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



21.6011, 21.6451, 72.8507



27.9145, 26.9490, 98.3382



13.8773, 6.1974, 70.2761



13.5878, 14.5146, 17.4731



12.2804, 12.0304, 42.7232



0.9399, 1.0113, 2.9909

Previews

White Background



This preview shows how the XYZ color 35.5556, 25.8202, 3.4906 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 35.5556, 25.8202, 3.4906 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 35.5556, 25.8202, 3.4906

Background



This preview shows how black text looks on a background with the XYZ color 35.5556, 25.8202, 3.4906.



This preview shows how white text looks on a background with the XYZ color 35.5556, 25.8202,

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

35.5556, 25.8202, 3.4906

Protanopia

23.4476, 25.9902, 4.6449

Deuteranopia

26.1558, 25.7326, 3.5883



Tritanopia

38.2304, 25.9036, 16.0816

Trichromacy



Original Color

35.5556, 25.8202, 3.4906

Protanomaly

26.7717, 25.0530, 4.0865

Deuteranomaly

28.9792, 25.2675, 3.4933

Tritanomaly

36.8423, 25.7698, 8.9935

Monochromacy



Original Color

35.5556, 25.8202, 3.4906

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.8675, 22.2554, 12.0546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5556, 25.8202, 3.4906 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(223, 105, 13)` looks like.

```
.text, #text, p{  
    color:rgb(223, 105, 13)  
}
```

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(223, 105, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 105, 13) }
```

Border

The CSS property to change the border of an element to XYZ 35.5556, 25.8202, 3.4906 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(223, 105, 13) }
```


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

```
.border{ border-color:rgb(223, 105, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 105, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 105, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 105, 13);  
box-shadow:4px 4px 4px 4px rgb(223, 105,  
13) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5556, 25.8202, 3.4906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 105, 13) }
```

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

```
.background{ background-color: rgb(223,  
105, 13) }
```

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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