

Converting Colors

XYZ(35.2258, 26.1088, 3.3587)

Have a look what the booklet for
XYZ(35.2258, 26.1088, 3.3587)
contains.

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Color

**XYZ(35.2142, 26.1104,
3.3561)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6C06
RGB	221, 108, 6
RGB Percent	87%, 42%, 2%
CMY	0.1333, 0.5764, 0.9764
CMYK	0.00, 0.51, 0.97, 0.13
HSL	28°, 95%, 45%
HSV	28°, 97%, 87%
XYZ	35.2142, 26.1104, 3.3561
YIQ	130.1590, 100.0900, -7.7660

Conversions

Conversions Part 2

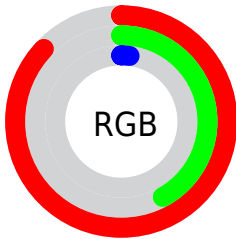
Format	Color
R_{YB}	221, 200, 6
Decimal	14511110
CIE _{Lab}	58.14, 39.54, 65.12
CIE _{LCh}	58, 76.184, 58.738
Yxy	26.1104, 0.5444, 0.4037
Android (android.graphics.Color)	4292701190 (0xFFDD6C06)
YUV	130.1590, -61.2104, 79.6676
Hunter-Lab	51.0983, 33.5904, 31.8747

Details

The XYZ color **35.2142, 26.1104, 3.3561** 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 **19.7228, 18.4524, 70.9282**, and the grayscale version is **21.4607, 22.5784, 24.5878**.

A 20% lighter version of the original color is **55.0904, 47.1919, 11.9997**, and **15.7612, 10.2972, 1.1568** is the 20% darker color. If you saturate the color by 10%, you get **34.8549, 25.4448, 3.0743**, and if you desaturate by 10%, it is **36.7005, 28.7986, 4.7296**.

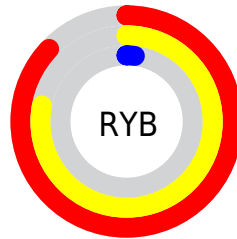
Distribution



Red (87%)

Green (42%)

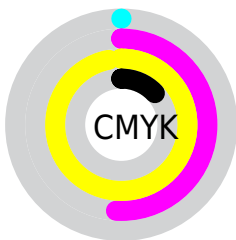
Blue (2%)



Red (87%)

Yellow (78%)

Blue (2%)

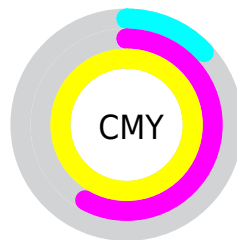


Cyan (0%)

Magenta (51%)

Yellow (97%)

Black (13%)



Cyan (13%)

Magenta (58%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2142, 26.1104, 3.3561 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 35.2142, 26.1104, 3.3561 by changing the saturation by 10% instead.

35.2142, 26.1104,
3.3561

35.2142, 26.1104,
3.3561

317.0043,
283.3236, 140.7743

23.9952, 16.9062,
1.2792

67.1493, 53.4530,
12.4952

15.4548, 10.1677,
0.0447

88.5961, 72.3602,
20.3944

9.2276, 5.5103,
0.0000

114.1829, 95.2706,
31.0716

4.9482, 2.5497,
0.0000

144.2751,
122.5685, 44.9451

2.2514, 0.9014,
0.0000

179.2379,
154.6384, 62.4337


0.7696, 0.0000,
0.0000


219.4369,


0.0000, 0.0000,


191.8646, 83.9557


0.0000


 265.2372,
234.6315, 109.9297


 35.2142, 26.1104,
3.3561


 35.2142, 26.1104,
3.3561


 34.8549, 25.4448,
3.0743

 36.7005, 28.7986,
4.7296

 38.5469, 31.9004,
7.1667

 40.7985, 35.4444,
10.8745

 43.4900, 39.4530,
16.0085

 46.6515, 43.9469,
22.7015

■ 50.3100, 48.9447,
31.0710

■ 54.4902, 54.4641,
41.2230

■ 59.2150, 60.5217,
53.2546

■ 64.5055, 67.1331,
67.2560

Harmonies

Analogous

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



43.8592, 26.1104, 10.3243



35.2142, 26.1104, 3.3561



25.2100, 26.1104, 1.8770

Triad

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



35.2142, 26.1104, 3.3561



10.9660, 26.1104, 27.3252



34.3663, 26.1104, 100.3470

Complementary

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



35.2142, 26.1104, 3.3561



19.7228, 18.4524, 70.9282

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.



24.4284, 26.1104, 115.5411



35.2142, 26.1104, 3.3561



12.2811, 26.1104, 60.5418

Square

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



35.2142, 26.1104, 3.3561



12.5272, 26.1104, 9.3686



16.6990, 26.1104, 97.7746



43.2904, 26.1104, 63.8077

Rectangle

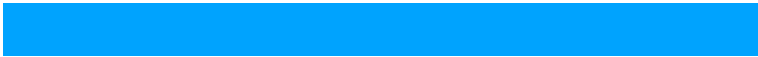
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.2142, 26.1104, 3.3561



19.5410, 26.1104, 2.3500



16.6990, 26.1104, 97.7746



30.9666, 26.1104, 108.8448

Sweetspot

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



35.2148, 26.1118, 3.3565



74.1760, 73.7791, 54.0743



33.3147, 16.8748, 19.4842



15.3386, 15.0832, 10.2612



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.



35.2148, 26.1118, 3.3565



48.0752, 34.9304, 4.2084



53.8557, 63.3937, 9.5702



13.5630, 14.0654, 13.7256



20.3597, 15.0050, 1.8232



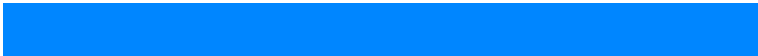
1.4049, 1.1438, 0.1467

Inverse Universe

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



19.7228, 18.4524, 70.9282



26.5776, 24.2752, 97.8925



13.2724, 5.5515, 68.7780



12.9022, 13.7441, 16.6250



11.3340, 10.5374, 41.1750



0.8204, 0.8548, 2.6962

Previews

White Background



This preview shows how the XYZ color 35.2142, 26.1104, 3.3561 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 35.2142, 26.1104, 3.3561 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 35.2142, 26.1104, 3.3561

Background



This preview shows how black text looks on a background with the XYZ color 35.2142, 26.1104, 3.3561.



This preview shows how white text looks on a background with the XYZ color 35.2142, 26.1104,

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

35.2142, 26.1104, 3.3561

Protanopia

23.7517, 26.3694, 4.4998

Deuteranopia

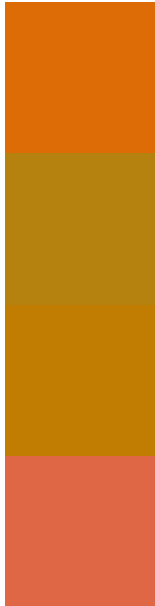
26.5190, 26.1222, 3.6444



Tritanopia

37.9515, 26.0232, 16.9326

Trichromacy



Original Color

35.2142, 26.1104, 3.3561

Protanomaly

26.9925, 25.5588, 3.9626

Deuteranomaly

29.2109, 25.7571, 3.4895

Tritanomaly

36.3872, 25.8307, 8.8624

Monochromacy



Original Color

35.2142, 26.1104, 3.3561

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.7035, 22.3615, 11.6612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2142, 26.1104, 3.3561 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(221, 108, 6)` looks like.

```
.text, #text, p{  
    color:rgb(221, 108, 6)  
}
```

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(221, 108, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 108, 6) }
```

Border

The CSS property to change the border of an element to XYZ 35.2142, 26.1104, 3.3561 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(221, 108, 6) }
```


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

```
.border{ border-color:rgb(221, 108, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 108, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 108, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 108, 6);  
box-shadow:4px 4px 4px 4px rgb(221, 108,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2142, 26.1104, 3.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 108, 6) }
```

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

```
.background{ background-color: rgb(221,  
108, 6) }
```

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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