

Converting Colors

XYZ(35.1080, 25.9610, 4.9640)

Have a look what the booklet for
XYZ(35.1080, 25.9610, 4.9640)
contains.

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Color

**XYZ(35.2276, 26.0807,
5.0111)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6C26
RGB	220, 108, 38
RGB Percent	86%, 42%, 15%
CMY	0.1373, 0.5764, 0.8510
CMYK	0.00, 0.51, 0.83, 0.14
HSL	23°, 72%, 51%
HSV	23°, 83%, 86%
XYZ	35.2276, 26.0807, 5.0111
YIQ	133.5080, 89.2220, 1.9740

Conversions

Conversions Part 2

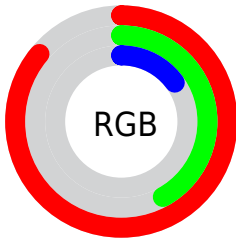
Format	Color
R_{YB}	220, 152, 38
Decimal	14445606
CIE _{Lab}	58.11, 39.70, 56.11
CIE _{LCh}	58, 68.735, 54.717
Yxy	26.0807, 0.5312, 0.3933
Android (android.graphics.Color)	4292635686 (0xFFDC6C26)
YUV	133.5080, -47.0854, 75.8535
Hunter-Lab	51.0693, 33.7582, 29.9307

Details

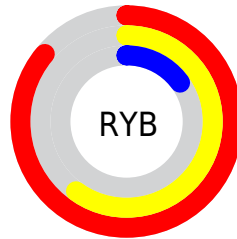
The XYZ color **35.2276, 26.0807, 5.0111** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **24.6230, 27.3903, 71.6987**, and the grayscale version is **22.6245, 23.8028, 25.9212**.

A 20% lighter version of the original color is **55.7880, 47.4710, 15.6737**, and **15.5637, 10.1954, 1.1476** is the 20% darker color. If you saturate the color by 10%, you get **33.6531, 23.3421, 3.2221**, and if you desaturate by 10%, it is **37.2344, 29.3494, 7.9778**.

Distribution



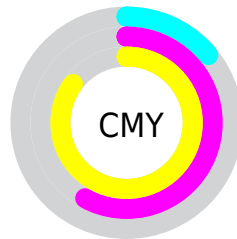
- Red (86%)
- Green (42%)
- Blue (15%)



- Red (86%)
- Yellow (60%)
- Blue (15%)



- Cyan (0%)
- Magenta (51%)
- Yellow (83%)
- Black (14%)





- Cyan (14%)
- Magenta (58%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2276, 26.0807, 5.0111 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 35.2276, 26.0807, 5.0111 by changing the saturation by 10% instead.


 35.2276, 26.0807,
5.0111


 35.2276, 26.0807,
5.0111


317.0622,
283.1780, 158.8762


 24.0056, 16.8840,
2.1949


 67.1699, 53.4051,
16.2816


 15.4625, 10.1518,
0.6714


 88.6209, 72.3016,
25.5731


 9.2331, 5.4997,
0.0000


 114.2123, 95.2002,
37.8600

 4.9518, 2.5434,
0.0000

 144.3094,
122.4853, 53.5610

 2.2535, 0.8983,
0.0000

 179.2776,
154.5412, 73.0946

 0.7707, 0.0000,
0.0000

 219.4822,

 0.0000, 0.0000,

191.7523, 96.8793

0.0000

265.2887,
234.5031, 125.3337

■ 35.2276, 26.0807,
5.0111

■ 35.2276, 26.0807,
5.0111

■ 33.6531, 23.3421,
3.2221

■ 37.2344, 29.3494,
7.9778

■ 32.7338, 21.6532,
2.4542

■ 39.7135, 33.1758,
12.2935

■ 42.7012, 37.5900,
18.1023

■ 46.2292, 42.6183,
25.5290

■ 50.3261, 48.2851,
34.6853

■ 55.0187, 54.6135,
45.6728

■ 60.3315, 61.6252,
58.5853

■ 66.2878, 69.3407,
73.5098

■ 72.9096, 77.7799,
90.5284

Harmonies

Analogous

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



42.3500, 26.0807, 13.2226



35.2276, 26.0807, 5.0111



26.2916, 26.0807, 2.8437

Triad

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



35.2276, 26.0807, 5.0111



12.0257, 26.0807, 24.3836



32.0996, 26.0807, 93.6781

Complementary

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



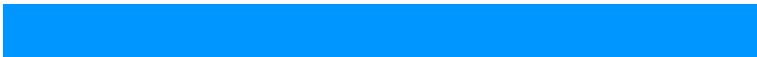
35.2276, 26.0807, 5.0111



24.6230, 27.3903, 71.6987

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.



23.3446, 26.0807, 102.8335



35.2276, 26.0807, 5.0111



12.9097, 26.0807, 52.1919

Square

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



35.2276, 26.0807, 5.0111



13.8870, 26.0807, 9.3003



16.6476, 26.0807, 84.6356



40.2792, 26.0807, 63.9431

Rectangle

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



35.2276, 26.0807, 5.0111



20.9421, 26.0807, 3.1354



16.6476, 26.0807, 84.6356



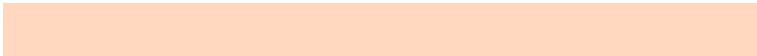
29.0802, 26.0807, 99.7780

Sweetspot

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



35.2282, 26.0821, 5.0115



75.1688, 74.0273, 59.7615



35.7320, 18.8114, 30.7006



15.5873, 15.1691, 11.6127



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.



35.2282, 26.0821, 5.0115



45.7781, 30.3138, 3.5116



50.2345, 56.0948, 10.0137



13.4646, 13.8686, 13.6928



19.3114, 12.9084, 1.4737



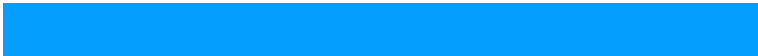
1.3330, 1.0000, 0.1228

Inverse Universe

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



24.6230, 27.3903, 71.6987



30.2909, 31.6545, 99.1212



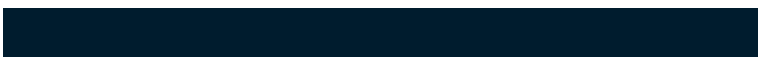
15.2937, 8.7316, 68.5889



13.0024, 13.9446, 16.6584



12.8083, 13.4860, 41.6664



0.9123, 1.0386, 2.7268

Previews

White Background



This preview shows how the XYZ color 35.2276, 26.0807, 5.0111 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 35.2276, 26.0807, 5.0111 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 35.2276, 26.0807, 5.0111

Background



This preview shows how black text looks on a background with the XYZ color 35.2276, 26.0807, 5.0111.



This preview shows how white text looks on a background with the XYZ color 35.2276, 26.0807,

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

35.2276, 26.0807, 5.0111

Protanopia

23.7759, 26.1215, 6.3736

Deuteranopia

26.7168, 26.2013, 4.6861



Tritanopia

37.7919, 26.0780, 17.2291

Trichromacy



Original Color

35.2276, 26.0807, 5.0111

Protanomaly

26.9776, 25.3161, 5.7501

Deuteranomaly

29.4473, 25.8517, 4.7342

Tritanomaly

36.6358, 26.0548, 11.2818

Monochromacy



Original Color

35.2276, 26.0807, 5.0111

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.1028, 23.5674, 15.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2276, 26.0807, 5.0111 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(220, 108, 38)` looks like.

```
.text, #text, p{  
    color:rgb(220, 108, 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(220, 108, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 108, 38) }
```

Border

The CSS property to change the border of an element to XYZ 35.2276, 26.0807, 5.0111 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(220, 108, 38) }
```


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

```
.border{ border-color:rgb(220, 108, 38) }
```

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

Here you see how a box with a 4 pixel rgb(220, 108, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 108, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 108, 38);  
box-shadow:4px 4px 4px 4px rgb(220, 108,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2276, 26.0807, 5.0111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 108, 38) }
```

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

```
.background{ background-color: rgb(220,  
108, 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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