

Converting Colors

XYZ(36.0692, 26.1565, 5.6499)

Have a look what the booklet for
XYZ(36.0692, 26.1565, 5.6499)
contains.

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Color

**XYZ(36.0591, 26.1855,
5.6364)**

Conversions

Conversions Part 1

Format	Color
Hex	DF6A2D
RGB	223, 106, 45
RGB Percent	87%, 42%, 18%
CMY	0.1255, 0.5843, 0.8235
CMYK	0.00, 0.52, 0.80, 0.13
HSL	21°, 74%, 53%
HSV	21°, 80%, 87%
XYZ	36.0591, 26.1855, 5.6364
YIQ	134.0290, 89.3130, 5.8330

Conversions

Conversions Part 2

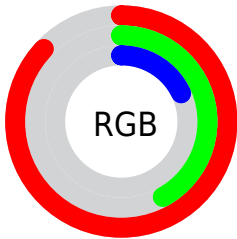
Format	Color
RYB	223, 138, 45
Decimal	14641709
CIELab	58.21, 42.08, 53.42
CIELCh	58, 67.999, 51.770
Yxy	26.1855, 0.5312, 0.3858
Android (android.graphics.Color)	4292831789 (0xFFDF6A2D)
YUV	134.0290, -43.8913, 78.0276
Hunter-Lab	51.1718, 36.2326, 29.2896

Details

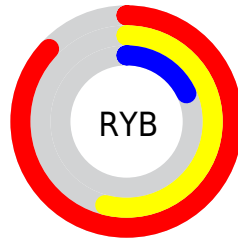
The XYZ color **36.0591, 26.1855, 5.6364** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **27.3207, 31.7240, 74.4949**, and the grayscale version is **22.8049, 23.9925, 26.1278**.

A 20% lighter version of the original color is **55.7037, 46.8825, 16.9398**, and **16.0171, 10.2154, 1.1276** is the 20% darker color. If you saturate the color by 10%, you get **34.3540, 23.2908, 3.4800**, and if you desaturate by 10%, it is **38.2501, 29.6901, 9.0725**.

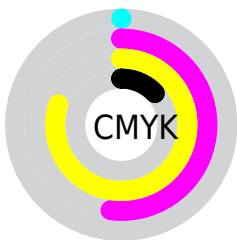
Distribution



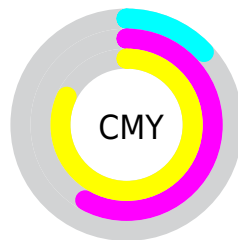
- Red (87%)
- Green (42%)
- Blue (18%)



- Red (87%)
- Yellow (54%)
- Blue (18%)



- Cyan (0%)
- Magenta (52%)
- Yellow (80%)
- Black (13%)





- Cyan (13%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0591, 26.1855, 5.6364 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 36.0591, 26.1855, 5.6364 by changing the saturation by 10% instead.


 36.0591, 26.1855,
5.6364


 36.0591, 26.1855,
5.6364


320.6455,
283.6915, 164.9725


 24.6502, 16.9625,
2.5601


 68.4465, 53.5741,
17.6359


 15.9439, 10.2077,
0.8717


 90.1558, 72.5084,
27.3961


 9.5751, 5.5369,
0.0000


 116.0291, 95.4485,
40.2214

 5.1782, 2.5656,
0.0000

 146.4320,
122.7790, 56.5303

 2.3881, 0.9094,
0.0000

 181.7297,
154.8841, 76.7413

 0.8392, 0.0000,
0.0000

 222.2876,

 0.0000, 0.0000,

192.1483, 101.2730

0.0000

268.4711,
234.9560, 130.5439

■ 36.0591, 26.1855,
5.6364

■ 36.0591, 26.1855,
5.6364

■ 34.3540, 23.2908,
3.4800

■ 38.2501, 29.6901,
9.0725

■ 33.0659, 20.9537,
2.3132

■ 40.9686, 33.8371,
13.9561

■ 33.0453, 20.9161,
2.2955

■ 44.2533, 38.6613,
20.4305

■ 48.1378, 44.1937,
28.6211

■ 52.6533, 50.4627,
38.6408

■ 57.8283, 57.4956,
50.5925

■ 63.6898, 65.3177,
64.5716

■ 70.2628, 73.9535,
80.6672

■ 77.5713, 83.4261,
98.9629

Harmonies

Analogous

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



42.7298, 26.1855, 14.7573



36.0591, 26.1855, 5.6364



27.2304, 26.1855, 3.0371

Triad

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



36.0591, 26.1855, 5.6364



12.2531, 26.1855, 22.4870



31.2514, 26.1855, 94.9872

Complementary

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



36.0591, 26.1855, 5.6364



27.3207, 31.7240, 74.4949

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.



22.6849, 26.1855, 101.3097



36.0591, 26.1855, 5.6364



12.8669, 26.1855, 48.9114

Square

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



36.0591, 26.1855, 5.6364



14.3867, 26.1855, 8.6190



16.3020, 26.1855, 81.1992



39.5543, 26.1855, 66.9054

Rectangle

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



36.0591, 26.1855, 5.6364



21.7893, 26.1855, 3.1480



16.3020, 26.1855, 81.1992



28.2685, 26.1855, 100.1786

Sweetspot

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



36.0597, 26.1869, 5.6368



75.1984, 73.6326, 61.1704



38.0404, 20.2331, 36.8648



15.5649, 15.0375, 11.8726



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.



36.0597, 26.1869, 5.6368



45.3076, 29.3058, 3.5615



50.0485, 54.1647, 10.2998



14.0894, 14.4647, 14.3562



19.5250, 12.4879, 1.3813



1.4346, 1.0281, 0.1228

Inverse Universe

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



27.3207, 31.7240, 74.4949



32.7593, 36.4490, 99.9165



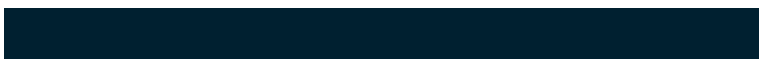
16.8951, 10.8729, 71.0197



13.7004, 14.7399, 17.5107



14.0362, 15.5420, 43.3085



1.0552, 1.2418, 3.0293

Previews

White Background



This preview shows how the XYZ color 36.0591, 26.1855, 5.6364 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 36.0591, 26.1855, 5.6364 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 36.0591, 26.1855, 5.6364

Background



This preview shows how black text looks on a background with the XYZ color 36.0591, 26.1855, 5.6364.



This preview shows how white text looks on a background with the XYZ color 36.0591, 26.1855,

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

36.0591, 26.1855, 5.6364

Protanopia

24.0954, 26.4842, 7.3320

Deuteranopia

26.8374, 26.2495, 5.3212



Tritanopia

38.5227, 26.3237, 16.6863

Trichromacy



Original Color

36.0591, 26.1855, 5.6364

Protanomaly

27.3728, 25.5011, 6.6115

Deuteranomaly

29.6973, 25.7817, 5.3306

Tritanomaly

37.4029, 26.1504, 11.4637

Monochromacy



Original Color

36.0591, 26.1855, 5.6364

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.3318, 23.4816, 15.7676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0591, 26.1855, 5.6364 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, 106, 45)` looks like.

```
.text, #text, p{  
    color:rgb(223, 106, 45)  
}
```

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, 106, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 106, 45) }
```

Border

The CSS property to change the border of an element to XYZ 36.0591, 26.1855, 5.6364 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, 106, 45) }
```


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

```
.border{ border-color:rgb(223, 106, 45) }
```

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

Here you see how a box with a 4 pixel rgb(223, 106, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 106, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 106, 45);  
box-shadow:4px 4px 4px 4px rgb(223, 106,  
45) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0591, 26.1855, 5.6364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 106, 45) }
```

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

```
.background{ background-color: rgb(223,  
106, 45) }
```

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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