

Converting Colors

XYZ(36.7655, 26.4118, 4.9940)

Have a look what the booklet for
XYZ(36.7655, 26.4118, 4.9940)
contains.

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Color

**XYZ(36.7655, 26.4118,
4.9940)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E26926 |
| RGB | 226, 105, 38 |
| RGB Percent | 89%, 41%, 15% |
| CMY | 0.1137, 0.5882, 0.8510 |
| CMYK | 0.00, 0.54, 0.83, 0.11 |
| HSL | 21°, 76%, 52% |
| HSV | 21°, 83%, 89% |
| XYZ | 36.7655, 26.4118, 4.9940 |
| YIQ | 133.5410, 93.6230, 4.8150 |

Conversions

Conversions Part 2

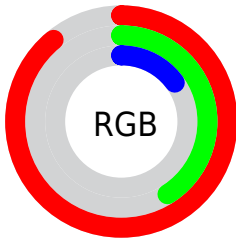
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 226, 142, 38 |
| Decimal | 14838054 |
| CIE _{Lab} | 58.43, 43.51, 56.73 |
| CIE _{LCh} | 58, 71.493, 52.514 |
| Yxy | 26.4118, 0.5393, 0.3874 |
| Android (android.graphics.Color) | 4293028134 (0xFFE26926) |
| YUV | 133.5410, -47.1017, 81.0865 |
| Hunter-Lab | 51.3924, 37.7600, 30.2132 |

Details

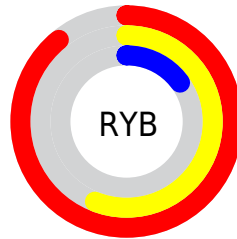
The XYZ color **36.7655, 26.4118, 4.9940** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **26.9241, 30.6976, 76.4573**, and the grayscale version is **22.6356, 23.8144, 25.9339**.

A 20% lighter version of the original color is **55.4413, 46.7775, 15.5581**, and **16.3774, 10.3327, 1.1312** is the 20% darker color. If you saturate the color by 10%, you get **35.1483, 23.5949, 3.1689**, and if you desaturate by 10%, it is **38.8583, 29.8268, 8.0681**.

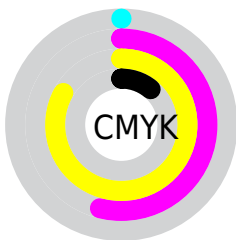
Distribution



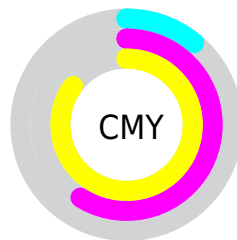
- Red (89%)
- Green (41%)
- Blue (15%)



- Red (89%)
- Yellow (56%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (83%)
- Black (11%)





- Cyan (11%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7655, 26.4118, 4.9940 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 36.7655, 26.4118, 4.9940 by changing the saturation by 10% instead.


 36.7655, 26.4118,
4.9940


 36.7655, 26.4118,
4.9940


323.6673,
284.7978, 158.7048


 25.1988, 17.1320,
2.1851


 69.5282, 53.9385,
16.2441

 16.3548, 10.3286,
0.6657


 91.4548, 72.9542,
25.5224

 9.8680, 5.6174,
0.0000


 117.5656, 95.9840,
37.7942

 5.3731, 2.6139,
0.0000

 148.2257,
123.4122, 53.4780

 2.5048, 0.9336,
0.0000

 183.8006,
155.6233, 72.9924

 0.8977, 0.0000,
0.0000

 224.6556,

 0.0000, 0.0000,

193.0017, 96.7560

0.0000

271.1560,
235.9317, 125.1873

■ 36.7655, 26.4118,
4.9940

■ 36.7655, 26.4118,
4.9940

■ 35.1483, 23.5949,
3.1689

■ 38.8583, 29.8268,
8.0681

■ 34.2729, 21.9867,
2.4375

■ 41.4716, 33.8735,
12.5772

■ 44.6461, 38.5871,
18.6769

■ 48.4172, 43.9988,
26.5020

■ 52.8172, 50.1375,
36.1730

■ 57.8758, 57.0304,
47.7991

■ 63.6206, 64.7031,
61.4812

■ 70.0776, 73.1799,
77.3132

■ 77.2715, 82.4842,
95.3829

Harmonies

Analogous

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



44.0190, 26.4118, 14.0002



36.7655, 26.4118, 4.9940



27.3545, 26.4118, 2.5790

Triad

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



36.7655, 26.4118, 4.9940



11.8692, 26.4118, 22.9390



32.0941, 26.4118, 99.9359

Complementary

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



36.7655, 26.4118, 4.9940



26.9241, 30.6976, 76.4573

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.



22.9798, 26.4118, 107.5877



36.7655, 26.4118, 4.9940



12.5721, 26.4118, 51.3685

Square

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



36.7655, 26.4118, 4.9940



14.0022, 26.4118, 8.3031



16.2123, 26.4118, 86.2454



40.9152, 26.4118, 69.0493

Rectangle

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



36.7655, 26.4118, 4.9940



21.6399, 26.4118, 2.7285



16.2123, 26.4118, 86.2454



28.9186, 26.4118, 105.8329

Sweetspot

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



36.7661, 26.4133, 4.9944



74.7108, 73.1112, 59.6088



38.4198, 20.1002, 35.2046



15.4793, 14.9532, 11.5767



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.



36.7661, 26.4133, 4.9944



44.9713, 28.7226, 3.1738



51.8622, 56.6054, 10.0265



14.1050, 14.4959, 14.3614



19.6547, 12.7474, 1.4246



1.4449, 1.0486, 0.1263

Inverse Universe

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



26.9241, 30.6976, 76.4573



31.3460, 33.8120, 99.4820



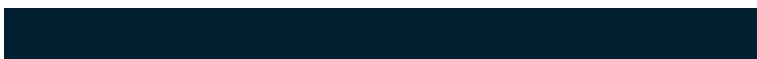
16.4869, 9.8232, 72.9782



13.6842, 14.7074, 17.5053



13.7634, 14.9963, 43.2175



1.0376, 1.2066, 3.0235

Previews

White Background



This preview shows how the XYZ color 36.7655, 26.4118, 4.9940 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 36.7655, 26.4118, 4.9940 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 36.7655, 26.4118, 4.9940

Background



This preview shows how black text looks on a background with the XYZ color 36.7655, 26.4118, 4.9940.



This preview shows how white text looks on a background with the XYZ color 36.7655, 26.4118,

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

36.7655, 26.4118, 4.9940

Protanopia

24.1385, 26.5241, 6.5367

Deuteranopia

27.0607, 26.5854, 4.6249



Tritanopia

39.2306, 26.4133, 16.3952

Trichromacy



Original Color

36.7655, 26.4118, 4.9940

Protanomaly

27.7022, 25.6875, 5.8810

Deuteranomaly

29.8230, 25.8618, 4.6483

Tritanomaly

38.1338, 26.3954, 10.8695

Monochromacy



Original Color

36.7655, 26.4118, 4.9940

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.2714, 23.2823, 14.9664

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7655, 26.4118, 4.9940 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(226, 105, 38)` looks like.

```
.text, #text, p{  
    color:rgb(226, 105, 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(226, 105, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 105, 38) }
```

Border

The CSS property to change the border of an element to XYZ 36.7655, 26.4118, 4.9940 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(226, 105, 38) }
```


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

```
.border{ border-color:rgb(226, 105, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 105, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 105, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 105, 38);  
box-shadow:4px 4px 4px 4px rgb(226, 105,  
38) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7655, 26.4118, 4.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 105, 38) }
```

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

```
.background{ background-color: rgb(226,  
105, 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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