

Converting Colors

XYZ(36.6157, 26.4726, 3.8324)

Have a look what the booklet for
XYZ(36.6157, 26.4726, 3.8324)
contains.

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Color

**XYZ(36.6443, 26.5273,
3.8507)**

Conversions

Conversions Part 1

Format	Color
Hex	E26A14
RGB	226, 106, 20
RGB Percent	89%, 42%, 8%
CMY	0.1137, 0.5843, 0.9216
CMYK	0.00, 0.53, 0.91, 0.11
HSL	25°, 84%, 48%
HSV	25°, 91%, 89%
XYZ	36.6443, 26.5273, 3.8507
YIQ	132.0760, 99.1260, -1.3060

Conversions

Conversions Part 2

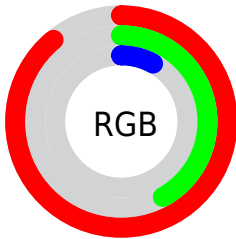
Format	Color
RYB	226, 168, 20
Decimal	14838292
CIELab	58.53, 42.64, 62.86
CIElCh	59, 75.957, 55.849
Yxy	26.5273, 0.5467, 0.3958
Android (android.graphics.Color)	4293028372 (0xFFE26A14)
YUV	132.0760, -55.2535, 82.3713
Hunter-Lab	51.5047, 36.8652, 31.6205

Details

The XYZ color **36.6443, 26.5273, 3.8507** 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 **23.3932, 24.3944, 75.4265**, and the grayscale version is **22.1287, 23.2811, 25.3531**.

A 20% lighter version of the original color is **54.9426, 46.5781, 12.9322**, and **16.4234, 10.4249, 1.1466** is the 20% darker color. If you saturate the color by 10%, you get **35.3982, 24.2374, 2.8126**, and if you desaturate by 10%, it is **38.4099, 29.5748, 5.9316**.

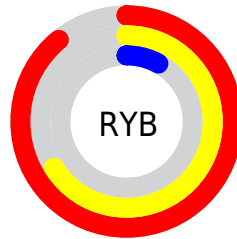
Distribution



Red (89%)

Green (42%)

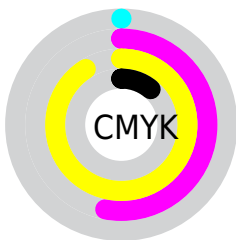
Blue (8%)



Red (89%)

Yellow (66%)

Blue (8%)

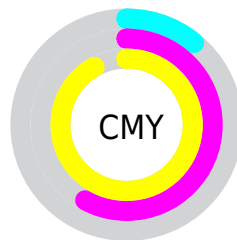


Cyan (0%)

Magenta (53%)

Yellow (91%)

Black (11%)



Cyan (11%)


Magenta (58%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.6443, 26.5273, 3.8507 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 36.6443, 26.5273, 3.8507 by changing the saturation by 10% instead.


 36.6443, 26.5273,
3.8507


 36.6443, 26.5273,
3.8507


323.1503,
285.3610, 146.5512


 25.1046, 17.2185,
1.5438


 69.3428, 54.1244,
13.6639

 16.2842, 10.3904,
0.2502


 91.2323, 73.1815,
22.0074

 9.8176, 5.6586,
0.0000


 117.3024, 96.2569,
33.2000

 5.3395, 2.6386,
0.0000

 147.9186,
123.7349, 47.6605

 2.4846, 0.9461,
0.0000

 183.4461,
155.9999, 65.8073


 0.8875, 0.0000,
0.0000


 224.2503,


 0.0000, 0.0000,


193.4363, 88.0590


0.0000


 270.6966,
236.4286, 114.8341


 36.6443, 26.5273,
3.8507


 36.6443, 26.5273,
3.8507

 35.3982, 24.2374,
2.8126

 38.4099, 29.5748,
5.9316

 40.6207, 33.1465,
9.2889

 43.3191, 37.2741,
14.1013

 46.5408, 41.9844,
20.5180

 50.3177, 47.3023,
28.6696

■ 54.6786, 53.2508,
38.6730

■ 59.6502, 59.8516,
50.6349

■ 65.2576, 67.1252,
64.6537

■ 71.5240, 75.0914,
80.8213

Harmonies

Analogous

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



44.9750, 26.5273, 11.8136



36.6443, 26.5273, 3.8507



26.5303, 26.5273, 1.9977

Triad

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



36.6443, 26.5273, 3.8507



11.2522, 26.5273, 25.3325



33.8420, 26.5273, 103.8422

Complementary

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



36.6443, 26.5273, 3.8507



23.3932, 24.3944, 75.4265

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.



23.9409, 26.5273, 115.9986



36.6443, 26.5273, 3.8507



12.3007, 26.5273, 57.4633

Square

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



36.6443, 26.5273, 3.8507



13.1206, 26.5273, 8.6167



16.4475, 26.5273, 95.3820



43.0976, 26.5273, 68.2316

Rectangle

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



36.6443, 26.5273, 3.8507



20.6380, 26.5273, 2.3189



16.4475, 26.5273, 95.3820



30.4195, 26.5273, 111.4789

Sweetspot

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



36.6449, 26.5288, 3.8511



74.3927, 73.3591, 56.7768



36.3600, 18.5674, 26.5433



15.4587, 15.0809, 11.0488



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.



36.6449, 26.5288, 3.8511



46.4420, 31.6639, 3.6640



54.2495, 61.7381, 9.7194



14.1751, 14.6361, 14.3847



20.3061, 14.0500, 1.6417



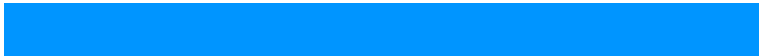
1.4945, 1.1478, 0.1428

Inverse Universe

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



23.3932, 24.3944, 75.4265



28.7242, 28.5684, 98.6081



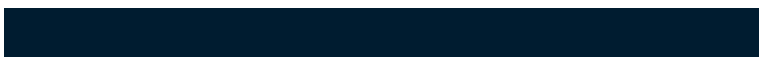
14.6828, 6.9734, 72.5230



13.6120, 14.5631, 17.4812



12.6312, 12.7320, 42.8401



0.9634, 1.0582, 2.9987

Previews

White Background



This preview shows how the XYZ color 36.6443, 26.5273, 3.8507 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 36.6443, 26.5273, 3.8507 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 36.6443, 26.5273, 3.8507

Background



This preview shows how black text looks on a background with the XYZ color 36.6443, 26.5273, 3.8507.



This preview shows how white text looks on a background with the XYZ color 36.6443, 26.5273,

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

36.6443, 26.5273, 3.8507

Protanopia

24.2054, 26.8107, 5.1275

Deuteranopia

27.1155, 26.6339, 3.7117



Tritanopia

39.3247, 26.6016, 16.4266

Trichromacy



Original Color

36.6443, 26.5273, 3.8507

Protanomaly

27.5651, 25.8424, 4.5125

Deuteranomaly

30.0110, 26.1664, 3.6699

Tritanomaly

37.9823, 26.4911, 9.5900

Monochromacy



Original Color

36.6443, 26.5273, 3.8507

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.6972, 23.0282, 13.0407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.6443, 26.5273, 3.8507 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, 106, 20)` looks like.

```
.text, #text, p{
  color:rgb(226, 106, 20)
}
```

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, 106, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 106, 20) }
```

Border

The CSS property to change the border of an element to XYZ 36.6443, 26.5273, 3.8507 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, 106, 20) }
```


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

```
.border{ border-color:rgb(226, 106, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 106, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 106, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 106, 20);  
box-shadow:4px 4px 4px 4px rgb(226, 106,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 36.6443, 26.5273, 3.8507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 106, 20) }
```

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

```
.background{ background-color: rgb(226,  
106, 20) }
```

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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