

Converting Colors

XYZ(36.5550, 26.0531, 3.2026)

Have a look what the booklet for
XYZ(36.5550, 26.0531, 3.2026)
contains.

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Color

**XYZ(36.5507, 26.0402,
3.2147)**

Conversions

Conversions Part 1

Format	Color
Hex	E36704
RGB	227, 103, 4
RGB Percent	89%, 40%, 2%
CMY	0.1098, 0.5960, 0.9843
CMYK	0.00, 0.55, 0.98, 0.11
HSL	27°, 97%, 45%
HSV	27°, 98%, 89%
XYZ	36.5507, 26.0402, 3.2147
YIQ	128.7900, 105.6830, -4.5010

Conversions

Conversions Part 2

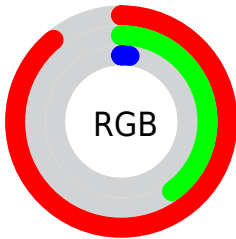
Format	Color
R_{YB}	227, 182, 4
Decimal	14903044
CIE _{Lab}	58.08, 44.31, 65.90
CIE _{LCh}	58, 79.412, 56.085
Yxy	26.0402, 0.5554, 0.3957
Android (android.graphics.Color)	4293093124 (0xFFE36704)
YUV	128.7900, -61.5215, 86.1302
Hunter-Lab	51.0296, 38.5514, 31.9856

Details

The XYZ color **36.5507, 26.0402, 3.2147** 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 **21.6340, 21.0095, 75.5873**, and the grayscale version is **20.9765, 22.0690, 24.0331**.

A 20% lighter version of the original color is **54.3404, 45.7913, 11.4434**, and **16.4937, 10.2602, 1.1111** is the 20% darker color. If you saturate the color by 10%, you get **36.3106, 25.5955, 3.0266**, and if you desaturate by 10%, it is **38.0755, 28.8142, 4.5741**.

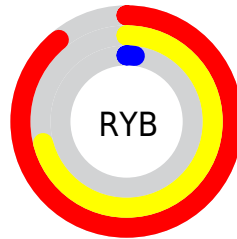
Distribution



Red (89%)

Green (40%)

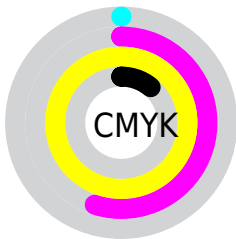
Blue (2%)



Red (89%)

Yellow (71%)

Blue (2%)

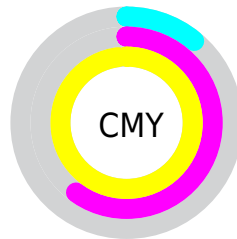


Cyan (0%)

Magenta (55%)

Yellow (98%)

Black (11%)



Cyan (11%)


Magenta (60%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5507, 26.0402, 3.2147 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 36.5507, 26.0402, 3.2147 by changing the saturation by 10% instead.


 36.5507, 26.0402,
3.2147


 36.5507, 26.0402,
3.2147


322.7506,
282.9794, 139.0498


 25.0319, 16.8537,
1.2053


 69.1995, 53.3398,
12.1538


 16.2297, 10.1302,
0.0000


 91.0603, 72.2217,
19.9205


 9.7787, 5.4854,
0.0000


 117.0990, 95.1042,
30.4435

 5.3136, 2.5348,
0.0000

 147.6812,
122.3717, 44.1411

 2.4691, 0.8940,
0.0000

 183.1721,
154.4085, 61.4320


 0.8797, 0.0000,
0.0000

 223.9370,


 0.0000, 0.0000,


191.5992, 82.7348


0.0000


 270.3414,
234.3280, 108.4679


 36.5507, 26.0402,
3.2147

 36.5507, 26.0402,
3.2147

 36.3106, 25.5955,
3.0266

 38.0755, 28.8142,
4.5741

 39.9933, 32.0601,
7.0312

 42.3577, 35.8126,
10.8291

 45.2075, 40.0985,
16.1374

 48.5766, 44.9422,
23.1005

■ 52.4950, 50.3661,
31.8455

■ 56.9904, 56.3911,
42.4870

■ 62.0882, 63.0369,
55.1299

■ 67.8122, 70.3222,
69.8713

Harmonies

Analogous

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



45.3178, 26.0402, 10.8765



36.5507, 26.0402, 3.2147



26.0329, 26.0402, 1.5517

Triad

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



36.5507, 26.0402, 3.2147



10.5197, 26.0402, 24.8933



33.7910, 26.0402, 107.3216

Complementary

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



36.5507, 26.0402, 3.2147



21.6340, 21.0095, 75.5873

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.



23.5108, 26.0402, 120.6203



36.5507, 26.0402, 3.2147



11.5932, 26.0402, 58.5464

Square

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



36.5507, 26.0402, 3.2147



12.3705, 26.0402, 7.8972



15.8101, 26.0402, 98.7875



43.4567, 26.0402, 69.2859

Rectangle

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



36.5507, 26.0402, 3.2147



19.9783, 26.0402, 1.8496



15.8101, 26.0402, 98.7875



30.2277, 26.0402, 115.5802

Sweetspot

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



36.5513, 26.0417, 3.2151



73.6022, 72.6314, 53.8830



35.7758, 18.0393, 22.8455



15.2027, 14.8115, 10.2160



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.



36.5513, 26.0417, 3.2151



47.1688, 33.1176, 3.9063



55.2769, 63.4929, 9.4570



14.9010, 15.4160, 15.0947



21.2890, 15.1521, 1.8026



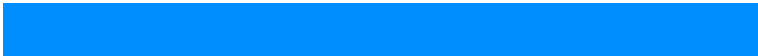
1.6646, 1.3025, 0.1637

Inverse Universe

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



21.6340, 21.0095, 75.5873



27.6915, 26.5029, 98.2638



14.1459, 6.0333, 73.0913



14.2441, 15.2096, 18.3293



12.5719, 12.2059, 44.0765



1.0213, 1.0866, 3.2879

Previews

White Background



This preview shows how the XYZ color 36.5507, 26.0402, 3.2147 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 36.5507, 26.0402, 3.2147 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 36.5507, 26.0402, 3.2147

Background



This preview shows how black text looks on a background with the XYZ color 36.5507, 26.0402, 3.2147.



This preview shows how white text looks on a background with the XYZ color 36.5507, 26.0402,

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

36.5507, 26.0402, 3.2147

Protanopia

23.7608, 26.3730, 4.5476

Deuteranopia

26.5190, 26.1222, 3.6444



Tritanopia

39.2143, 26.1480, 15.5506

Trichromacy



Original Color

36.5507, 26.0402, 3.2147

Protanomaly

27.2040, 25.2805, 3.8978

Deuteranomaly

29.4707, 25.5234, 3.4019

Tritanomaly

37.7583, 25.9750, 8.1779

Monochromacy



Original Color

36.5507, 26.0402, 3.2147

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

23.8338, 22.0724, 11.3917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5507, 26.0402, 3.2147 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(227, 103, 4)` looks like.

```
.text, #text, p{  
    color:rgb(227, 103, 4)  
}
```

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(227, 103, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 103, 4) }
```

Border

The CSS property to change the border of an element to XYZ 36.5507, 26.0402, 3.2147 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(227, 103, 4) }
```


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

```
.border{ border-color:rgb(227, 103, 4) }
```

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

Here you see how a box with a 4 pixel rgb(227, 103, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 103, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 103, 4);  
box-shadow:4px 4px 4px 4px rgb(227, 103,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5507, 26.0402, 3.2147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 103, 4) }
```

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

```
.background{ background-color: rgb(227,  
103, 4) }
```

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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