

Converting Colors

XYZ(41.4614, 26.2746, 4.0012)

Have a look what the booklet for
XYZ(41.4614, 26.2746, 4.0012)
contains.

XYZ(41.5434, 26.3322, 3.9917)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.5434, 26.3322,
3.9917)**

Conversions

Conversions Part 1

Format	Color
Hex	F6561C
RGB	246, 86, 28
RGB Percent	96%, 34%, 11%
CMY	0.0353, 0.6627, 0.8902
CMYK	0.00, 0.65, 0.89, 0.04
HSL	16°, 92%, 54%
HSV	16°, 89%, 96%
XYZ	41.5434, 26.3322, 3.9917
YIQ	127.2280, 113.9780, 15.8820

Conversions

Conversions Part 2

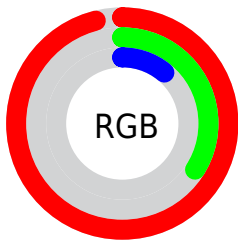
Format	Color
R_{YB}	246, 107, 28
Decimal	16143900
CIE Lab	58.35, 58.97, 61.75
CIE LCh	58, 85.389, 46.318
Yxy	26.3322, 0.5781, 0.3664
Android (android.graphics.Color)	4294333980 (0xFFFF6561C)
YUV	127.2280, -48.9194, 104.1630
Hunter-Lab	51.3149, 54.7085, 31.3084

Details

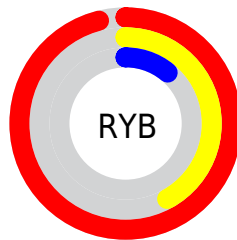
The XYZ color **41.5434, 26.3322, 3.9917** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **35.0949, 42.8636, 93.6119**, and the grayscale version is **20.3882, 21.4499, 23.3590**.

A 20% lighter version of the original color is **52.3610, 41.1852, 12.7792**, and **19.3242, 10.3601, 0.9812** is the 20% darker color. If you saturate the color by 10%, you get **40.0888, 23.7291, 2.5650**, and if you desaturate by 10%, it is **43.5960, 29.7597, 6.7669**.

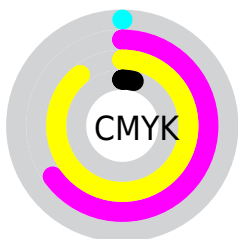
Distribution



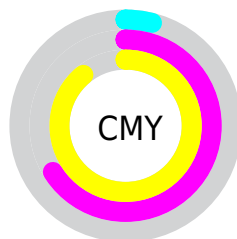
- Red (96%)
- Green (34%)
- Blue (11%)



- Red (96%)
- Yellow (42%)
- Blue (11%)



- Cyan (0%)
- Magenta (65%)
- Yellow (89%)
- Black (4%)





- Cyan (4%)
- Magenta (66%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5434, 26.3322, 3.9917 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 41.5434, 26.3322, 3.9917 by changing the saturation by 10% instead.


 41.5434, 26.3322,
3.9917


 41.5434, 26.3322,
3.9917


343.6106,
284.4090, 148.1331


 28.9335, 17.0723,
1.6208


 76.7776, 53.8104,
13.9906

 19.1745, 10.2861,
0.3056


 100.1326, 72.7975,
22.4557

 11.9012, 5.5890,
0.0000


 127.8000, 95.7958,
33.7893

 6.7482, 2.5968,
0.0000

 160.1452,
123.1897, 48.4098

 3.3500, 0.9251,
0.0000

 197.5335,
155.3635, 66.7360


 1.3415, 0.0000,
0.0000

 240.3302,


 0.2139, 0.0000,


192.7018, 89.1862


0.0000


 288.9008,
235.5888, 116.1790


 0.0000, 0.0000,
0.0000


 41.5434, 26.3322,
3.9917


 41.5434, 26.3322,
3.9917


 40.0888, 23.7291,
2.5650


 43.5960, 29.7597,
6.7669

 39.9225, 23.4261,
2.4176

 46.3265, 34.0795,
11.1951

 49.7975, 39.3547,
17.4907

 54.0632, 45.6405,
25.8352

 59.1722, 52.9879,
36.3882

65.1692, 61.4442,
49.2935

72.0955, 71.0538,
64.6826

79.9895, 81.8584,
82.6772

88.8877, 93.8980,
103.3910

Harmonies

Analogous

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



49.5555, 26.3322, 15.3984



41.5434, 26.3322, 3.9917



30.0645, 26.3322, 1.2590

Triad

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



41.5434, 26.3322, 3.9917



10.1881, 26.3322, 17.1423



31.0801, 26.3322, 126.2987

Complementary

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



41.5434, 26.3322, 3.9917



35.0949, 42.8636, 93.6119

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.



20.5879, 26.3322, 128.1405



41.5434, 26.3322, 3.9917



10.3194, 26.3322, 47.9696

Square

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



41.5434, 26.3322, 3.9917



13.1690, 26.3322, 4.5135



13.5977, 26.3322, 93.2695



42.4623, 26.3322, 89.2379

Rectangle

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



41.5434, 26.3322, 3.9917



22.8904, 26.3322, 1.1066



13.5977, 26.3322, 93.2695



27.2946, 26.3322, 131.6391

Sweetspot

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



41.5440, 26.3337, 3.9921



71.8238, 68.2213, 55.9205



47.8802, 24.2070, 51.7281



14.8614, 13.8864, 10.8497



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.



41.5440, 26.3337, 3.9921



43.2983, 25.3766, 2.6161



56.9554, 57.1566, 9.1293



16.8578, 17.1996, 17.2289



21.4069, 12.6994, 1.3230



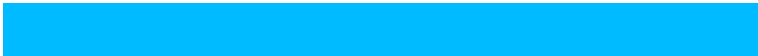
1.9625, 1.2782, 0.1433

Inverse Universe

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



35.0949, 42.8636, 93.6119



35.8514, 42.8227, 100.9838



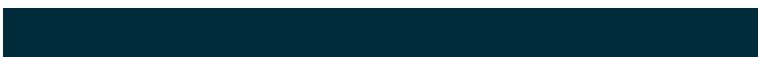
20.1687, 13.0113, 88.6365



16.6019, 17.9681, 21.1357



17.7702, 21.3341, 49.7193



1.6458, 2.0431, 4.3978

Previews

White Background



This preview shows how the XYZ color 41.5434, 26.3322, 3.9917 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 41.5434, 26.3322, 3.9917 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 41.5434, 26.3322, 3.9917

Background



This preview shows how black text looks on a background with the XYZ color 41.5434, 26.3322, 3.9917.



This preview shows how white text looks on a background with the XYZ color 41.5434, 26.3322,

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

41.5434, 26.3322, 3.9917

Protanopia

24.0433, 26.4860, 6.0356

Deuteranopia

26.7476, 26.2400, 3.6551



Tritanopia

43.2935, 26.4972, 11.4270

Trichromacy



Original Color

41.5434, 26.3322, 3.9917

Protanomaly

28.4065, 24.7555, 5.0314

Deuteranomaly

30.9288, 25.2092, 3.5229

Tritanomaly

42.3764, 26.3308, 7.6994

Monochromacy



Original Color

41.5434, 26.3322, 3.9917

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.2601, 20.8897, 12.6510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5434, 26.3322, 3.9917 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(246, 86, 28)` looks like.

```
.text, #text, p{  
    color:rgb(246, 86, 28)  
}
```

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(246, 86, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 86, 28) }
```

Border

The CSS property to change the border of an element to XYZ 41.5434, 26.3322, 3.9917 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(246, 86, 28) }
```


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

```
.border{ border-color:rgb(246, 86, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 86, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 86, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 86, 28);  
box-shadow:4px 4px 4px 4px rgb(246, 86,  
28) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5434, 26.3322, 3.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 86, 28) }
```

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

```
.background{ background-color: rgb(246, 86,  
28) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor