

Converting Colors

XYZ(44.4413, 29.2481, 9.1745)

Have a look what the booklet for
XYZ(44.4413, 29.2481, 9.1745)
contains.

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Color

**XYZ(44.5401, 29.3173,
9.1056)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F96246 |
| RGB | 249, 98, 70 |
| RGB Percent | 98%, 38%, 27% |
| CMY | 0.0235, 0.6156, 0.7255 |
| CMYK | 0.00, 0.61, 0.72, 0.02 |
| HSL | 9°, 94%, 63% |
| HSV | 9°, 72%, 98% |
| XYZ | 44.5401, 29.3173, 9.1056 |
| YIQ | 139.9570, 98.9840, 23.3040 |

Conversions

Conversions Part 2

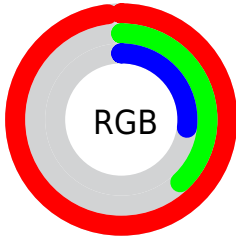
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 249, 103, 70 |
| Decimal | 16343622 |
| CIE Lab | 61.06, 56.21, 45.40 |
| CIE LCh | 61, 72.254, 38.930 |
| Yxy | 29.3173, 0.5369, 0.3534 |
| Android (android.graphics.Color) | 4294533702 (0xFFFF96246) |
| YUV | 139.9570, -34.4888, 95.6307 |
| Hunter-Lab | 54.1455, 52.0797, 27.9311 |

Details

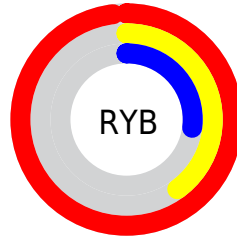
The XYZ color **44.5401, 29.3173, 9.1056** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **45.4786, 59.8496, 98.7771**, and the grayscale version is **25.0146, 26.3173, 28.6596**.

A 20% lighter version of the original color is **56.1858, 45.7273, 23.6342**, and **20.9210, 11.8937, 2.0037** is the 20% darker color. If you saturate the color by 10%, you get **42.1966, 25.6384, 5.2175**, and if you desaturate by 10%, it is **47.7261, 34.1608, 14.8811**.

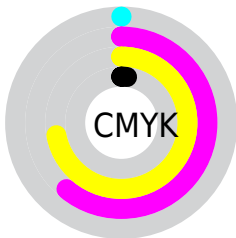
Distribution



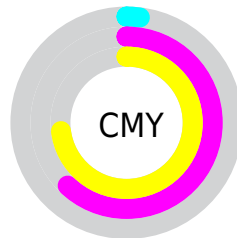
- Red (98%)
- Green (38%)
- Blue (27%)



- Red (98%)
- Yellow (40%)
- Blue (27%)



- Cyan (0%)
- Magenta (61%)
- Yellow (72%)
- Black (2%)





- Cyan (2%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5401, 29.3173, 9.1056 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 44.5401, 29.3173, 9.1056 by changing the saturation by 10% instead.


 44.5401, 29.3173,
9.1056


 44.5401, 29.3173,
9.1056


355.7229,
298.7091, 194.4107


 31.2951, 19.3210,
4.7124

 81.2712, 58.5808,
24.6800


 20.9766, 11.9024,
2.0237


 105.4879, 78.6168,
36.6983


 13.2192, 6.6773,
0.5698


 134.0926,
102.7682, 52.0953

 7.6577, 3.2611,
0.0000

 167.4506,
131.4193, 71.2896

 3.9267, 1.2695,
0.0000

 205.9273,
164.9546, 94.6998

 1.6607, 0.1174,
0.0000

249.8880,

 0.4315, 0.0000,

203.7584, 122.7443

0.0000

299.6981,
248.2151, 155.8418

■ 0.0000, 0.0000,
0.0000

■ 44.5401, 29.3173,
9.1056

■ 44.5401, 29.3173,
9.1056

■ 42.1966, 25.6384,
5.2175

■ 47.7261, 34.1608,
14.8811

■ 40.6090, 23.0194,
2.9741


■ 51.8253, 40.2520,
22.7439


■ 39.7909, 21.5881,
2.0697


■ 56.9029, 47.6717,
32.8697

■ 63.0176, 56.4927,
45.4153

■ 70.2232, 66.7824,
60.5233

 78.5699, 78.6037,
78.3256

 88.1047, 92.0160,
98.9446

 92.8767, 98.8796,
108.7983

Harmonies

Analogous

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



49.9663, 29.3173, 24.5007



44.5401, 29.3173, 9.1056



34.9273, 29.3173, 3.8141

Triad

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



44.5401, 29.3173, 9.1056



14.1078, 29.3173, 16.6206



30.7843, 29.3173, 115.9589

Complementary

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



44.5401, 29.3173, 9.1056



45.4786, 59.8496, 98.7771

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.



21.8256, 29.3173, 109.3521



44.5401, 29.3173, 9.1056



13.4849, 29.3173, 40.7073

Square

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



44.5401, 29.3173, 9.1056



17.9293, 29.3173, 6.1305



15.9779, 29.3173, 77.1034



40.9249, 29.3173, 91.9909

Rectangle

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



44.5401, 29.3173, 9.1056



28.2062, 29.3173, 3.0321



15.9779, 29.3173, 77.1034



27.5270, 29.3173, 117.4354

Sweetspot

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



44.5408, 29.3190, 9.1061



74.0147, 70.3339, 63.6468



54.4618, 29.8020, 72.0943



15.3761, 14.3908, 12.6395



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.



44.5408, 29.3190, 9.1061



43.7450, 25.7677, 4.3132



57.8049, 55.8472, 13.5275



17.4639, 17.6636, 17.9514



21.3643, 11.6853, 1.1295



2.0407, 1.2063, 0.1253

Inverse Universe

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



45.4786, 59.8496, 98.7771



44.5406, 59.1366, 103.6747



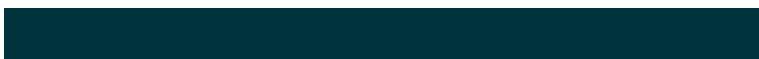
27.9644, 24.8211, 92.9390



17.5209, 19.1187, 22.1521



21.5807, 28.5171, 52.3405



2.0590, 2.7616, 4.8677

Previews

White Background



This preview shows how the XYZ color 44.5401, 29.3173, 9.1056 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 44.5401, 29.3173, 9.1056 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 44.5401, 29.3173, 9.1056

Background



This preview shows how black text looks on a background with the XYZ color 44.5401, 29.3173, 9.1056.



This preview shows how white text looks on a background with the XYZ color 44.5401, 29.3173,

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

44.5401, 29.3173, 9.1056

Protanopia

27.1699, 29.5331, 13.0725

Deuteranopia

29.9876, 29.2834, 8.4866



Tritanopia

45.7273, 29.2495, 15.2922

Trichromacy



Original Color

44.5401, 29.3173, 9.1056

Protanomaly

31.6787, 28.0138, 11.3270

Deuteranomaly

34.2715, 28.4473, 8.5351

Tritanomaly

45.3197, 29.2297, 12.7045

Monochromacy



Original Color

44.5401, 29.3173, 9.1056

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

29.2505, 25.6083, 19.6209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5401, 29.3173, 9.1056 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(249, 98, 70)` looks like.

```
.text, #text, p{  
    color:rgb(249, 98, 70)  
}
```

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(249, 98, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 98, 70) }
```

Border

The CSS property to change the border of an element to XYZ 44.5401, 29.3173, 9.1056 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(249, 98, 70) }
```


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

```
.border{ border-color:rgb(249, 98, 70) }
```

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

Here you see how a box with a 4 pixel rgb(249, 98, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 98, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 98, 70);  
box-shadow:4px 4px 4px 4px rgb(249, 98,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5401, 29.3173, 9.1056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 98, 70) }
```

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

```
.background{ background-color: rgb(249, 98,  
70) }
```

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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