

Converting Colors

XYZ(36.4594, 22.9632, 2.7434)

Have a look what the booklet for
XYZ(36.4594, 22.9632, 2.7434)
contains.

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Color

**XYZ(36.4441, 22.9331,
2.7354)**

Conversions

Conversions Part 1

Format	Color
Hex	E94F08
RGB	233, 79, 8
RGB Percent	91%, 31%, 3%
CMY	0.0863, 0.6902, 0.9686
CMYK	0.00, 0.66, 0.97, 0.09
HSL	19°, 93%, 47%
HSV	19°, 97%, 91%
XYZ	36.4441, 22.9331, 2.7354
YIQ	116.9520, 114.5750, 10.5670

Conversions

Conversions Part 2

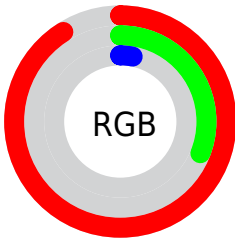
Format	Color
R_{YB}	233, 112, 8
Decimal	15290120
CIE _{Lab}	55.00, 57.20, 63.84
CIE _{LCh}	55, 85.717, 48.144
Yxy	22.9331, 0.5867, 0.3692
Android (android.graphics.Color)	4293480200 (0xFFE94F08)
YUV	116.9520, -53.7133, 101.7741
Hunter-Lab	47.8885, 52.0371, 30.1353

Details

The XYZ color **36.4441, 22.9331, 2.7354** 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 **27.7270, 31.7727, 81.7617**, and the grayscale version is **17.0312, 17.9181, 19.5128**.

A 20% lighter version of the original color is **50.9171, 38.9932, 10.1530**, and **16.2461, 8.5202, 0.7883** is the 20% darker color. If you saturate the color by 10%, you get **36.0218, 22.1589, 2.3785**, and if you desaturate by 10%, it is **37.9437, 25.6006, 4.2589**.

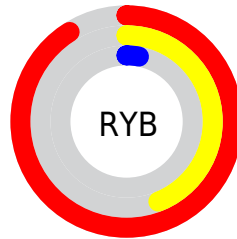
Distribution



Red (91%)

Green (31%)

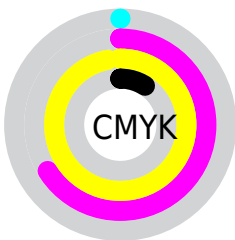
Blue (3%)



Red (91%)

Yellow (44%)

Blue (3%)

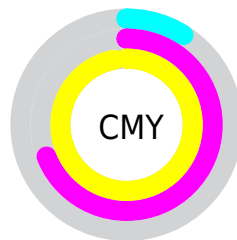


Cyan (0%)

Magenta (66%)

Yellow (97%)

Black (9%)



Cyan (9%)


Magenta (69%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4441, 22.9331, 2.7354 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 36.4441, 22.9331, 2.7354 by changing the saturation by 10% instead.


 36.4441, 22.9331,
2.7354


 36.4441, 22.9331,
2.7354


322.2950,
267.3812, 132.9158

 24.9491, 14.5441,
0.9612


 69.0364, 48.2835,
10.9682


 16.1676, 8.5001,
0.0000


 90.8643, 66.0136,
18.2639

 9.7345, 4.4166,
0.0000


 116.8673, 87.6263,
28.2372

 5.2842, 1.9092,
0.0000

 147.4107,
113.5059, 41.3065

 2.4514, 0.5539,
0.0000

 182.8598,
144.0368, 57.8905


 0.8708, 0.0000,
0.0000


 223.5799,


 0.0000, 0.0000,


179.6033, 78.4077


0.0000


 269.9365,
220.5900, 103.2766

 36.4441, 22.9331,
2.7354


 36.4441, 22.9331,
2.7354


 36.0218, 22.1589,
2.3785

 37.9437, 25.6006,
4.2589

 39.9580, 28.9433,
7.0453

 42.5457, 33.0122,
11.3190

 45.7549, 37.8510,
17.2584

 49.6280, 43.4995,
25.0163

■ 54.2034, 49.9947,
34.7281

■ 59.5161, 57.3709,
46.5160

■ 65.5988, 65.6606,
60.4924

■ 72.4822, 74.8943,
76.7612

Harmonies

Analogous

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



44.2443, 22.9331, 11.9392



36.4441, 22.9331, 2.7354



25.7808, 22.9331, 0.7652

Triad

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



36.4441, 22.9331, 2.7354



8.3374, 22.9331, 15.6696



28.0123, 22.9331, 115.3348

Complementary

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



36.4441, 22.9331, 2.7354



27.7270, 31.7727, 81.7617

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.



18.2467, 22.9331, 119.5140



36.4441, 22.9331, 2.7354



8.6143, 22.9331, 45.1241

Square

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



36.4441, 22.9331, 2.7354



10.8038, 22.9331, 3.7765



11.7181, 22.9331, 87.9536



38.4819, 22.9331, 78.8682

Rectangle

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



36.4441, 22.9331, 2.7354



19.3044, 22.9331, 0.6978



11.7181, 22.9331, 87.9536



24.4959, 22.9331, 121.1977

Sweetspot

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



36.4446, 22.9345, 2.7358



71.2708, 67.9687, 53.1059



40.5281, 20.2321, 37.6057



14.6544, 13.7148, 10.0332



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.



36.4446, 22.9345, 2.7358



44.1436, 27.0673, 2.8979



51.6311, 53.3075, 7.7979



15.4534, 15.8298, 15.7597



20.5377, 12.7697, 1.3823



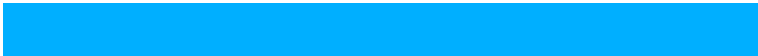
1.6962, 1.1697, 0.1364

Inverse Universe

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



27.7270, 31.7727, 81.7617



33.2875, 37.6949, 100.1292



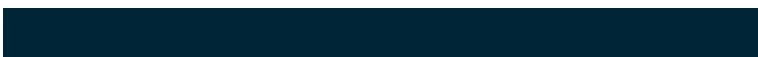
16.0812, 8.4812, 77.8797



15.0935, 16.2735, 19.2678



15.5422, 17.7315, 46.3463



1.3061, 1.5636, 3.6678

Previews

White Background



This preview shows how the XYZ color 36.4441, 22.9331, 2.7354 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 36.4441, 22.9331, 2.7354 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 36.4441, 22.9331, 2.7354

Background



This preview shows how black text looks on a background with the XYZ color 36.4441, 22.9331, 2.7354.



This preview shows how white text looks on a background with the XYZ color 36.4441, 22.9331,

2.7354.

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

36.4441, 22.9331, 2.7354

Protanopia

20.9684, 23.2392, 4.3577

Deuteranopia

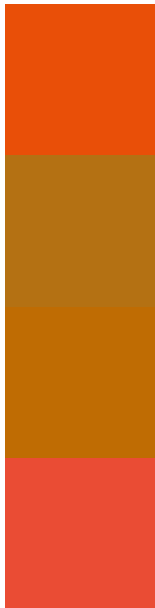
23.2700, 22.8827, 3.1903



Tritanopia

37.7200, 22.9258, 9.4582

Trichromacy



Original Color

36.4441, 22.9331, 2.7354

Protanomaly

24.8451, 21.5606, 3.4682

Deuteranomaly

26.8649, 21.8081, 2.8796

Tritanomaly

37.1360, 22.9092, 5.7135

Monochromacy



Original Color

36.4441, 22.9331, 2.7354

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

20.4879, 17.6072, 9.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4441, 22.9331, 2.7354 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(233, 79, 8)` looks like.

```
.text, #text, p{  
    color:rgb(233, 79, 8)  
}
```

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(233, 79, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 79, 8) }
```

Border

The CSS property to change the border of an element to XYZ 36.4441, 22.9331, 2.7354 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(233, 79, 8) }
```


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

```
.border{ border-color:rgb(233, 79, 8) }
```

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

Here you see how a box with a 4 pixel rgb(233, 79, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 79, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 79, 8);  
box-shadow:4px 4px 4px 4px rgb(233, 79, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 36.4441, 22.9331, 2.7354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 79, 8) }
```

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

```
.background{ background-color: rgb(233, 79, 8) }
```

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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