

Converting Colors

XYZ(36.2287, 24.0594, 2.8120)

Have a look what the booklet for
XYZ(36.2287, 24.0594, 2.8120)
contains.

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Color

**XYZ(36.3057, 24.1419,
2.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	E65A03
RGB	230, 90, 3
RGB Percent	90%, 35%, 1%
CMY	0.0980, 0.6470, 0.9882
CMYK	0.00, 0.61, 0.99, 0.10
HSL	23°, 97%, 46%
HSV	23°, 99%, 90%
XYZ	36.3057, 24.1419, 2.8325
YIQ	121.9420, 111.3670, 2.6230

Conversions

Conversions Part 2

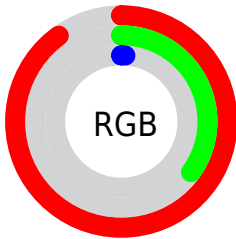
Format	Color
RYB	230, 144, 3
Decimal	15096323
CIELab	56.23, 51.45, 65.27
CIELCh	56, 83.113, 51.754
Yxy	24.1419, 0.5737, 0.3815
Android (android.graphics.Color)	4293286403 (0xFFE65A03)
YUV	121.9420, -58.6384, 94.7669
Hunter-Lab	49.1344, 45.9095, 30.9761

Details

The XYZ color **36.3057, 24.1419, 2.8325** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **24.1422, 25.3761, 78.4878**, and the grayscale version is **18.6410, 19.6117, 21.3572**.

A 20% lighter version of the original color is **52.1966, 41.5999, 10.4328**, and **16.2697, 9.1947, 0.9172** is the 20% darker color. If you saturate the color by 10%, you get **36.1353, 23.8278, 2.6947**, and if you desaturate by 10%, it is **37.7891, 26.8371, 4.1660**.

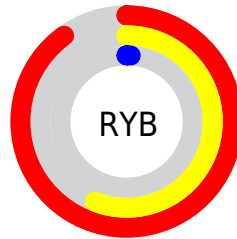
Distribution



Red (90%)

Green (35%)

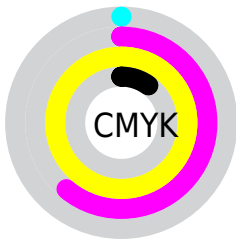
Blue (1%)



Red (90%)

Yellow (56%)

Blue (1%)

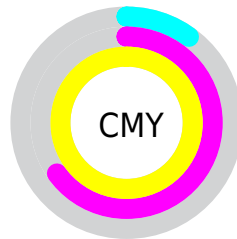


Cyan (0%)

Magenta (61%)

Yellow (99%)

Black (10%)



Cyan (10%)


Magenta (65%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3057, 24.1419, 2.8325 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 36.3057, 24.1419, 2.8325 by changing the saturation by 10% instead.


 36.3057, 24.1419,
2.8325


 36.3057, 24.1419,
2.8325


321.7027,
273.5371, 134.1978


 24.8416, 15.4389,
1.0098


 68.8244, 50.2617,
11.2122


 16.0872, 9.1280,
0.0000


 90.6098, 68.4472,
18.6063


 9.6771, 4.8248,
0.0000


 116.5662, 90.5624,
28.6946

 5.2460, 2.1448,
0.0000

 147.0592,
116.9917, 41.8956

 2.4286, 0.6897,
0.0000

 182.4539,
148.1194, 58.6279


 0.8594, 0.0000,
0.0000


 223.1159,


 0.0000, 0.0000,


184.3299, 79.3100


0.0000


 269.4103,
226.0077, 104.3605


 36.3057, 24.1419,
2.8325


 36.3057, 24.1419,
2.8325


 36.1353, 23.8278,
2.6947

 37.7891, 26.8371,
4.1660

 39.7103, 30.0907,
6.6215

 42.1304, 33.9462,
10.4636

 45.0930, 38.4379,
15.8703

 48.6359, 43.5966,
22.9928

■ 52.7933, 49.4509,
31.9638

■ 57.5962, 56.0276,
42.9031

■ 63.0734, 63.3517,
55.9203

■ 69.2518, 71.4472,
71.1167

Harmonies

Analogous

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



44.5960, 24.1419, 11.2077



36.3057, 24.1419, 2.8325



25.6841, 24.1419, 1.0287

Triad

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



36.3057, 24.1419, 2.8325



9.1411, 24.1419, 19.4374



30.4530, 24.1419, 111.7288

Complementary

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



36.3057, 24.1419, 2.8325



24.1422, 25.3761, 78.4878

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.



20.4101, 24.1419, 120.3483



36.3057, 24.1419, 2.8325



9.7602, 24.1419, 51.0145

Square

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



36.3057, 24.1419, 2.8325



11.3281, 24.1419, 5.3129



13.3465, 24.1419, 93.0692



40.6158, 24.1419, 74.1804

Rectangle

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



36.3057, 24.1419, 2.8325



19.4026, 24.1419, 1.0945



13.3465, 24.1419, 93.0692



26.8969, 24.1419, 118.8124

Sweetspot

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



36.3062, 24.1433, 2.8329



71.8385, 69.5192, 52.0154



37.9137, 18.9874, 29.1751



14.8150, 14.1139, 9.8465



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.



36.3062, 24.1433, 2.8329



45.5832, 29.9464, 3.3777



53.2418, 58.0145, 8.4781



14.8276, 15.2690, 15.0702



20.5675, 13.7091, 1.5621



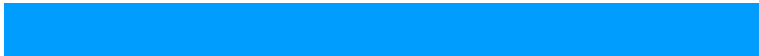
1.6075, 1.1883, 0.1446

Inverse Universe

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



24.1422, 25.3761, 78.4878



30.1513, 31.4227, 99.0838



14.8718, 6.8354, 75.3977



14.3192, 15.3598, 18.3544



13.6711, 14.4043, 44.4429



1.0994, 1.2428, 3.3139

Previews

White Background



This preview shows how the XYZ color 36.3057, 24.1419, 2.8325 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 36.3057, 24.1419, 2.8325 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 36.3057, 24.1419, 2.8325

Background



This preview shows how black text looks on a background with the XYZ color 36.3057, 24.1419, 2.8325.



This preview shows how white text looks on a background with the XYZ color 36.3057, 24.1419,

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

36.3057, 24.1419, 2.8325

Protanopia

21.9077, 24.3456, 4.3551

Deuteranopia

24.5138, 24.0963, 3.3590



Tritanopia

38.2522, 24.2177, 12.1096

Trichromacy



Original Color

36.3057, 24.1419, 2.8325

Protanomaly

25.5127, 22.9344, 3.5723

Deuteranomaly

27.7610, 23.2433, 3.0520

Tritanomaly

37.0465, 23.9500, 6.6732

Monochromacy



Original Color

36.3057, 24.1419, 2.8325

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.6852, 19.2934, 9.9782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3057, 24.1419, 2.8325 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(230, 90, 3)` looks like.

```
.text, #text, p{  
    color:rgb(230, 90, 3)  
}
```

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(230, 90, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 90, 3) }
```

Border

The CSS property to change the border of an element to XYZ 36.3057, 24.1419, 2.8325 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(230, 90, 3) }
```


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

```
.border{ border-color:rgb(230, 90, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 90, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 90, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 90, 3);  
box-shadow:4px 4px 4px 4px rgb(230, 90, 3)  
}
```

Background

The CSS property to change the background color of an element to XYZ 36.3057, 24.1419, 2.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 90, 3) }
```

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

```
.background{ background-color: rgb(230, 90,  
3) }
```

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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