

Converting Colors

XYZ(39.4582, 23.1200, 2.3829)

Have a look what the booklet for
XYZ(39.4582, 23.1200, 2.3829)
contains.

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Color

**XYZ(39.5465, 23.1931,
2.3924)**

Conversions

Conversions Part 1

Format	Color
Hex	F54100
RGB	245, 65, 0
RGB Percent	96%, 25%, 0%
CMY	0.0392, 0.7450, 1.0000
CMYK	0.00, 0.73, 1.00, 0.04
HSL	16°, 100%, 48%
HSV	16°, 100%, 96%
XYZ	39.5465, 23.1931, 2.3924
YIQ	111.4100, 128.1450, 17.9450

Conversions

Conversions Part 2

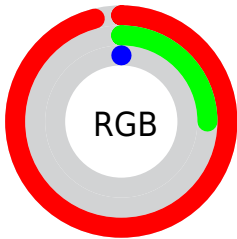
Format	Color
R_{YB}	245, 88, 0
Decimal	16072960
CIE _{Lab}	55.27, 66.07, 66.86
CIE _{LCh}	55, 94.001, 45.341
Yxy	23.1931, 0.6072, 0.3561
Android (android.graphics.Color)	4294263040 (0xFFFF54100)
YUV	111.4100, -54.9251, 117.1584
Hunter-Lab	48.1592, 62.2987, 30.7661

Details

The XYZ color **39.5465, 23.1931, 2.3924** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark saturated red. A complement of this color would be **32.8004, 39.2306, 92.2290**, and the grayscale version is **15.3594, 16.1593, 17.5974**.

A 20% lighter version of the original color is **49.3172, 36.0231, 8.9113**, and **18.5904, 9.5837, 0.8700** is the 20% darker color. If you saturate the color by 10%, you get **39.5468, 23.1942, 2.3926**, and if you desaturate by 10%, it is **40.9203, 25.6688, 3.6897**.

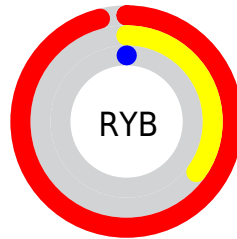
Distribution



Red (96%)

Green (25%)

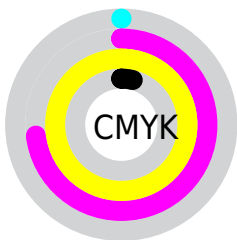
Blue (0%)



Red (96%)

Yellow (35%)

Blue (0%)

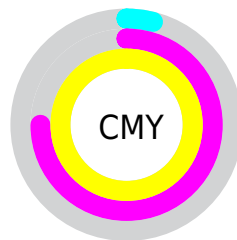


Cyan (0%)

Magenta (73%)

Yellow (100%)

Black (4%)



Cyan (4%)


Magenta (75%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5465, 23.1931, 2.3924 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 39.5465, 23.1931, 2.3924 by changing the saturation by 10% instead.

 39.5465, 23.1931,
2.3924


 39.5465, 23.1931,
2.3924


335.3757,
268.7152, 128.1999


 27.3678, 14.7362,
0.7823


 73.7612, 48.7102,
10.0882

 17.9876, 8.6344,
0.0000


 96.5278, 66.5392,
17.0222


 11.0407, 4.5035,
0.0000


 123.5545, 88.2609,
26.5717

 6.1617, 1.9590,
0.0000

 155.2066,
114.2598, 39.1552

 2.9853, 0.5835,
0.0000

 191.8494,
144.9203, 55.1912


 1.1460, 0.0000,
0.0000

 233.8483,

 0.0631, 0.0000,


180.6268, 75.0983


0.0000


 281.5686,
221.7636, 99.2950


 0.0000, 0.0000,
0.0000

 39.5465, 23.1931,
2.3924


 39.5465, 23.1931,
2.3924


 39.5468, 23.1942,
2.3926

 40.9203, 25.6688,
3.6897

 42.8651, 28.9437,
6.2336

 45.4733, 33.0962,
10.3827

 48.8076, 38.1881,
16.3547

 52.9227, 44.2753,
24.3329

■ 57.8674, 51.4087,
34.4780

■ 63.6866, 59.6358,
46.9342

■ 70.4215, 69.0010,
61.8333

■ 78.1108, 79.5462,
79.2970

Harmonies

Analogous

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



47.8845, 23.1931, 12.8143



39.5465, 23.1931, 2.3924



27.5721, 23.1931, 0.3043

Triad

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



39.5465, 23.1931, 2.3924



7.6905, 23.1931, 13.2431



27.8433, 23.1931, 132.5131

Complementary

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



39.5465, 23.1931, 2.3924



32.8004, 39.2306, 92.2290

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.



17.3096, 23.1931, 133.0532



39.5465, 23.1931, 2.3924



7.7215, 23.1931, 43.8987

Square

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



39.5465, 23.1931, 2.3924



10.5559, 23.1931, 2.4953



10.6605, 23.1931, 92.9764



39.7986, 23.1931, 91.8177

Rectangle

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



39.5465, 23.1931, 2.3924



20.2138, 23.1931, 0.1190



10.6605, 23.1931, 92.9764



23.9822, 23.1931, 138.0648

Sweetspot

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



39.5470, 23.1945, 2.3927



69.7035, 65.2491, 51.3037



46.2815, 22.8626, 47.1839



14.3180, 13.1199, 9.6808



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.



39.5470, 23.1945, 2.3927



43.2869, 25.3538, 2.6123



54.7446, 53.5896, 7.4586



16.8567, 17.1976, 17.2286



21.4011, 12.6877, 1.3210



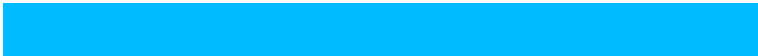
1.9618, 1.2769, 0.1431

Inverse Universe

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



32.8004, 39.2306, 92.2290



35.8915, 42.9030, 100.9972



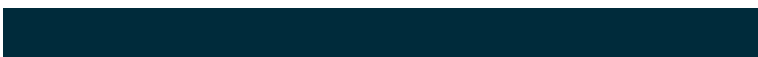
18.1636, 9.9571, 87.3501



16.6030, 17.9702, 21.1361



17.7897, 21.3732, 49.7258



1.6474, 2.0462, 4.3984

Previews

White Background



This preview shows how the XYZ color 39.5465, 23.1931, 2.3924 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 39.5465, 23.1931, 2.3924 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 39.5465, 23.1931, 2.3924

Background



This preview shows how black text looks on a background with the XYZ color 39.5465, 23.1931, 2.3924.



This preview shows how white text looks on a background with the XYZ color 39.5465, 23.1931,

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

39.5465, 23.1931, 2.3924

Protanopia

20.9916, 23.2485, 4.4796

Deuteranopia

23.3972, 23.1372, 3.2328



Tritanopia

40.5720, 23.2892, 7.0595

Trichromacy



Original Color

39.5465, 23.1931, 2.3924

Protanomaly

25.2389, 20.9591, 3.2876

Deuteranomaly

27.4560, 21.5027, 2.7034

Tritanomaly

40.1117, 23.1913, 4.3697

Monochromacy



Original Color

39.5465, 23.1931, 2.3924

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

19.6372, 15.9339, 8.0018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5465, 23.1931, 2.3924 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(245, 65, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 65, 0)  
}
```

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(245, 65, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 65, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.5465, 23.1931, 2.3924 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(245, 65, 0) }
```


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

```
.border{ border-color:rgb(245, 65, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 65, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 65, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 65, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 65, 0)  
}
```

Background

The CSS property to change the background color of an element to XYZ 39.5465, 23.1931, 2.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 65, 0) }
```

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

```
.background{ background-color: rgb(245, 65,  
0) }
```

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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