

Converting Colors

XYZ(38.2648, 22.0425, 5.9792)

Have a look what the booklet for
XYZ(38.2648, 22.0425, 5.9792)
contains.

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Color

**XYZ(38.2648, 22.0425,
5.9792)**

Conversions

Conversions Part 1

Format	Color
Hex	F03C38
RGB	240, 60, 56
RGB Percent	94%, 24%, 22%
CMY	0.0588, 0.7647, 0.7804
CMYK	0.00, 0.75, 0.77, 0.06
HSL	1°, 86%, 58%
HSV	1°, 77%, 94%
XYZ	38.2648, 22.0425, 5.9792
YIQ	113.3640, 108.5640, 36.9160

Conversions

Conversions Part 2

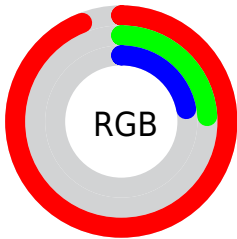
Format	Color
R _Y B	240, 60, 56
Decimal	15744056
CIE Lab	54.07, 67.16, 44.79
CIE LCh	54, 80.729, 33.702
Yxy	22.0425, 0.5773, 0.3325
Android (android.graphics.Color)	4293934136 (0xFFFF03C38)
YUV	113.3640, -28.2805, 111.0598
Hunter-Lab	46.9494, 63.3198, 25.3138

Details

The XYZ color **38.2648, 22.0425, 5.9792** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **47.3502, 67.1145, 92.8961**, and the grayscale version is **15.8648, 16.6910, 18.1765**.

A 20% lighter version of the original color is **50.5761, 35.9342, 17.3670**, and **17.7396, 9.1381, 1.1455** is the 20% darker color. If you saturate the color by 10%, you get **36.8429, 19.9239, 3.2704**, and if you desaturate by 10%, it is **40.5138, 25.3661, 10.3503**.

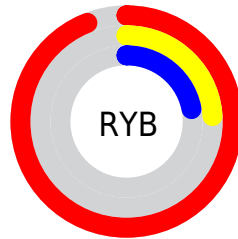
Distribution



Red (94%)

Green (24%)

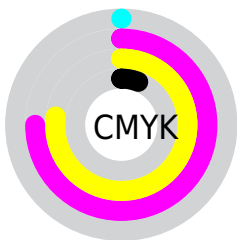
Blue (22%)



Red (94%)

Yellow (24%)

Blue (22%)

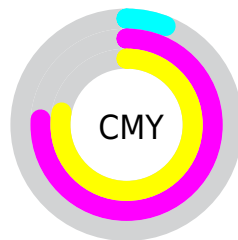


Cyan (0%)

Magenta (75%)

Yellow (77%)

Black (6%)



Cyan (6%)


Magenta (76%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.2648, 22.0425, 5.9792 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 38.2648, 22.0425, 5.9792 by changing the saturation by 10% instead.


 38.2648, 22.0425,
5.9792


 38.2648, 22.0425,
5.9792


330.0158,
262.7681, 168.1850


 26.3664, 13.8881,
2.7639


 71.8151, 46.8162,
18.3646


 17.2321, 8.0429,
0.9754


 94.1978, 64.2044,
28.3718


 10.4964, 4.1224,
0.0000


 120.8059, 85.4392,
41.4800

 5.7941, 1.7423,
0.0000

 152.0048,
110.9052, 58.1077

 2.7598, 0.4508,
0.0000

 188.1599,
140.9867, 78.6735

 1.0280, 0.0000,
0.0000

 229.6365,

 0.0000, 0.0000,

176.0681, 103.5960

0.0000

276.8000,
216.5338, 133.2937

■ 38.2648, 22.0425,
5.9792

■ 38.2648, 22.0425,
5.9792

■ 36.8429, 19.9239,
3.2704

■ 40.5138, 25.3661,
10.3503

■ 36.1234, 18.8321,
1.9608


■ 43.6878, 30.0331,
16.5912


■ 35.9917, 18.6387,
1.7007


■ 47.8729, 36.1671,
24.8799

■ 53.1447, 43.8768,
35.3739

■ 59.5718, 53.2607,
48.2149

 67.2171, 64.4091,
63.5330

 76.1389, 77.4059,
81.4488

 86.3918, 92.3298,
102.0749

 89.7449, 97.2651,
108.6517

Harmonies

Analogous

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



42.5841, 22.0425, 21.0261



38.2648, 22.0425, 5.9792



29.3097, 22.0425, 1.5470

Triad

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



38.2648, 22.0425, 5.9792



9.2106, 22.0425, 8.3726



22.0543, 22.0425, 111.1434

Complementary

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



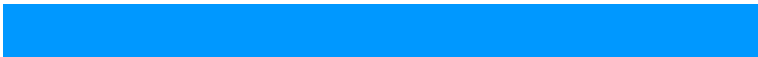
38.2648, 22.0425, 5.9792



47.3502, 67.1145, 92.8961

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.



14.3545, 22.0425, 98.1316



38.2648, 22.0425, 5.9792



8.2603, 22.0425, 27.2430

Square

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



38.2648, 22.0425, 5.9792



12.9433, 22.0425, 2.1021



9.8521, 22.0425, 61.8184



31.7231, 22.0425, 90.4006

Rectangle

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



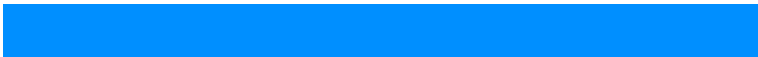
38.2648, 22.0425, 5.9792



22.8482, 22.0425, 0.9079



9.8521, 22.0425, 61.8184



19.1614, 22.0425, 110.6165

Sweetspot

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



38.2653, 22.0438, 5.9795



71.3532, 65.4804, 61.3119



52.6253, 27.4640, 82.5964



14.6276, 13.0747, 11.8321



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.



38.2653, 22.0438, 5.9795



41.7287, 22.0295, 2.7334



47.7260, 40.9652, 9.1331



15.8004, 15.8140, 16.3694



19.7149, 10.2280, 0.9351



1.6498, 0.8702, 0.0810

Inverse Universe

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



47.3502, 67.1145, 92.8961



52.4958, 75.6712, 106.4469



27.4741, 27.3624, 86.2708



16.2161, 17.8663, 20.3155



24.8495, 35.9232, 50.7520



2.0766, 3.0071, 4.2252

Previews

White Background



This preview shows how the XYZ color 38.2648, 22.0425, 5.9792 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 38.2648, 22.0425, 5.9792 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 38.2648, 22.0425, 5.9792

Background



This preview shows how black text looks on a background with the XYZ color 38.2648, 22.0425, 5.9792.



This preview shows how white text looks on a background with the XYZ color 38.2648, 22.0425,

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

38.2648, 22.0425, 5.9792

Protanopia

20.4775, 22.2519, 10.2369

Deuteranopia

22.4193, 22.0217, 5.3545



Tritanopia

38.3414, 21.9901, 6.6386

Trichromacy



Original Color

38.2648, 22.0425, 5.9792

Protanomaly

24.4859, 19.9978, 8.1996

Deuteranomaly

26.3259, 20.2749, 5.3222

Tritanomaly

38.2886, 21.9690, 6.3601

Monochromacy



Original Color

38.2648, 22.0425, 5.9792

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

20.2325, 16.1490, 12.1759

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2648, 22.0425, 5.9792 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(240, 60, 56)` looks like.

```
.text, #text, p{  
    color:rgb(240, 60, 56)  
}
```

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(240, 60, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 60, 56) }
```

Border

The CSS property to change the border of an element to XYZ 38.2648, 22.0425, 5.9792 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(240, 60, 56) }
```


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

```
.border{ border-color:rgb(240, 60, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 60, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 60, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 60, 56);  
box-shadow:4px 4px 4px 4px rgb(240, 60,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2648, 22.0425, 5.9792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 60, 56) }
```

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

```
.background{ background-color: rgb(240, 60,  
56) }
```

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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