

Converting Colors

XYZ(39.5768, 22.3666, 5.1370)

Have a look what the booklet for
XYZ(39.5768, 22.3666, 5.1370)
contains.

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Color

**XYZ(39.5768, 22.3666,
5.1370)**

Conversions

Conversions Part 1

Format	Color
Hex	F53731
RGB	245, 55, 49
RGB Percent	96%, 22%, 19%
CMY	0.0392, 0.7843, 0.8078
CMYK	0.00, 0.78, 0.80, 0.04
HSL	2°, 91%, 58%
HSV	2°, 80%, 96%
XYZ	39.5768, 22.3666, 5.1370
YIQ	111.1260, 115.1660, 38.4140

Conversions

Conversions Part 2

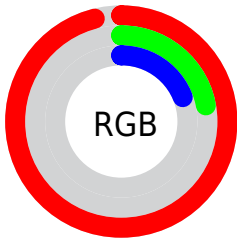
Format	Color
R_{YB}	245, 55, 49
Decimal	16070449
CIE _{Lab}	54.41, 69.86, 49.14
CIE _{LCh}	54, 85.409, 35.120
Yxy	22.3666, 0.5900, 0.3334
Android (android.graphics.Color)	4294260529 (0xFFFF53731)
YUV	111.1260, -30.6281, 117.4075
Hunter-Lab	47.2933, 66.6120, 26.6653

Details

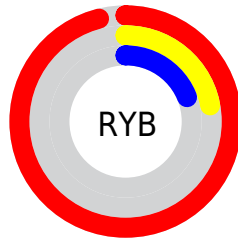
The XYZ color **39.5768, 22.3666, 5.1370** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **48.6101, 68.9696, 97.1362**, and the grayscale version is **15.2107, 16.0028, 17.4270**.

A 20% lighter version of the original color is **49.8761, 35.0799, 15.4516**, and **18.8388, 9.7099, 0.9674** is the 20% darker color. If you saturate the color by 10%, you get **38.3231, 20.4744, 2.8238**, and if you desaturate by 10%, it is **41.6542, 25.4580, 9.1092**.

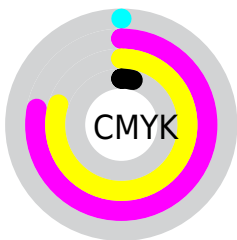
Distribution



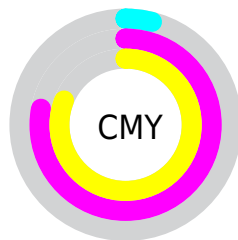
- Red (96%)
- Green (22%)
- Blue (19%)



- Red (96%)
- Yellow (22%)
- Blue (19%)



- Cyan (0%)
- Magenta (78%)
- Yellow (80%)
- Black (4%)





- Cyan (4%)
- Magenta (78%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5768, 22.3666, 5.1370 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 39.5768, 22.3666, 5.1370 by changing the saturation by 10% instead.


 39.5768, 22.3666,
5.1370


 39.5768, 22.3666,
5.1370


335.5017,
264.4548, 160.1303


 27.3915, 14.1265,
2.2677


 73.8071, 47.3512,
16.5571

 18.0056, 8.2087,
0.7131


 96.5828, 64.8644,
25.9450


 11.0537, 4.2288,
0.0000

 123.6193, 86.2376,
38.3428

 6.1705, 1.8024,
0.0000

 155.2820,
111.8549, 54.1692

 2.9907, 0.4886,
0.0000

 191.9362,
142.1010, 73.8425

 1.1488, 0.0000,
0.0000

 233.9473,

 0.0654, 0.0000,

177.3600, 97.7815

0.0000

281.6807,
218.0165, 126.4046

■ 0.0000, 0.0000,
0.0000

■ 39.5768, 22.3666,
5.1370

■ 39.5768, 22.3666,
5.1370

■ 38.3231, 20.4744,
2.8238

■ 41.6542, 25.4580,
9.1092

■ 37.7376, 19.5756,
1.7895


■ 44.6624, 29.8979,
14.9724


■ 37.7376, 19.5756,
1.7895


■ 48.6941, 35.8182,
22.9226


■ 53.8301, 43.3342,
33.1312

■ 60.1434, 52.5497,
45.7519

 67.7008, 63.5598,
60.9249

 76.5637, 76.4524,
78.7796

 86.7900, 91.3100,
99.4368

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



44.6126, 22.3666, 20.0484



39.5768, 22.3666, 5.1370



29.7387, 22.3666, 1.1531

Triad

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



39.5768, 22.3666, 5.1370



8.7801, 22.3666, 8.4978



22.9010, 22.3666, 119.7984

Complementary

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



39.5768, 22.3666, 5.1370



48.6101, 68.9696, 97.1362

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.



14.5668, 22.3666, 107.0730



39.5768, 22.3666, 5.1370



7.9254, 22.3666, 29.2344

Square

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



39.5768, 22.3666, 5.1370



12.5153, 22.3666, 1.8637



9.6987, 22.3666, 67.5049



33.3453, 22.3666, 95.2284

Rectangle

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



39.5768, 22.3666, 5.1370



22.8224, 22.3666, 0.6095



9.6987, 22.3666, 67.5049



19.7683, 22.3666, 119.8526

Sweetspot

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



39.5773, 22.3680, 5.1373



70.6225, 64.4808, 59.6451



54.7412, 28.0038, 86.3142



14.4927, 12.8931, 11.5152



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.



39.5773, 22.3680, 5.1373



41.5076, 21.7057, 2.2948



49.1593, 41.5321, 8.3313



16.5399, 16.5639, 17.1230



20.3482, 10.5819, 0.9700



1.8025, 0.9582, 0.0900

Inverse Universe

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



48.6101, 68.9696, 97.1362



51.5878, 74.1061, 106.1927



27.6809, 27.1114, 90.1598



16.9506, 18.6654, 21.2520



25.2886, 36.3711, 52.2255



2.2361, 3.2236, 4.5946

Previews

White Background



This preview shows how the XYZ color 39.5768, 22.3666, 5.1370 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 39.5768, 22.3666, 5.1370 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 39.5768, 22.3666, 5.1370

Background



This preview shows how black text looks on a background with the XYZ color 39.5768, 22.3666, 5.1370.



This preview shows how white text looks on a background with the XYZ color 39.5768, 22.3666,

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

39.5768, 22.3666, 5.1370

Protanopia

20.7234, 22.6041, 9.0651

Deuteranopia

22.7782, 22.4121, 4.4919



Tritanopia

39.6649, 22.3266, 5.8333

Trichromacy



Original Color

39.5768, 22.3666, 5.1370

Protanomaly

24.7758, 19.8721, 7.0873

Deuteranomaly

26.8040, 20.4011, 4.3588

Tritanomaly

39.6180, 22.3079, 5.5859

Monochromacy



Original Color

39.5768, 22.3666, 5.1370

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

19.9997, 15.6603, 11.2012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5768, 22.3666, 5.1370 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, 55, 49)` looks like.

```
.text, #text, p{  
    color:rgb(245, 55, 49)  
}
```

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, 55, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 55, 49) }
```

Border

The CSS property to change the border of an element to XYZ 39.5768, 22.3666, 5.1370 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, 55, 49) }
```


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

```
.border{ border-color:rgb(245, 55, 49) }
```

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

Here you see how a box with a 4 pixel rgb(245, 55, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 55, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 55, 49);  
box-shadow:4px 4px 4px 4px rgb(245, 55,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5768, 22.3666, 5.1370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 55, 49) }
```

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

```
.background{ background-color: rgb(245, 55,  
49) }
```

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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