

Converting Colors

XYZ(39.5723, 22.8489, 3.6209)

Have a look what the booklet for
XYZ(39.5723, 22.8489, 3.6209)
contains.

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Color

**XYZ(39.5723, 22.8489,
3.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	F53D1F
RGB	245, 61, 31
RGB Percent	96%, 24%, 12%
CMY	0.0392, 0.7607, 0.8784
CMYK	0.00, 0.75, 0.87, 0.04
HSL	8°, 91%, 54%
HSV	8°, 87%, 96%
XYZ	39.5723, 22.8489, 3.6209
YIQ	112.5960, 119.2940, 29.6780

Conversions

Conversions Part 2

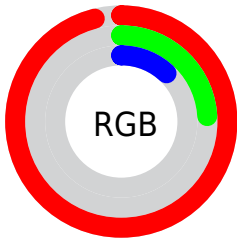
Format	Color
R_{YB}	245, 66, 31
Decimal	16071967
CIE Lab	54.92, 67.68, 57.95
CIE LCh	55, 89.103, 40.573
Yxy	22.8489, 0.5992, 0.3460
Android (android.graphics.Color)	4294262047 (0xFFFF53D1F)
YUV	112.5960, -40.2268, 116.1183
Hunter-Lab	47.8005, 64.1227, 28.9691

Details

The XYZ color **39.5723, 22.8489, 3.6209** 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 **41.3434, 55.4777, 94.9149**, and the grayscale version is **15.6686, 16.4846, 17.9518**.

A 20% lighter version of the original color is **49.6847, 35.7731, 12.0708**, and **18.5904, 9.5837, 0.8700** is the 20% darker color. If you saturate the color by 10%, you get **38.4487, 20.9408, 2.2022**, and if you desaturate by 10%, it is **41.3808, 25.7394, 6.4649**.

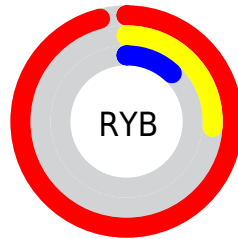
Distribution



Red (96%)

Green (24%)

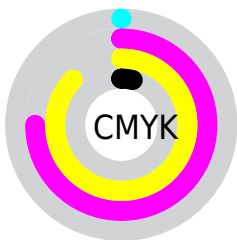
Blue (12%)



Red (96%)

Yellow (26%)

Blue (12%)

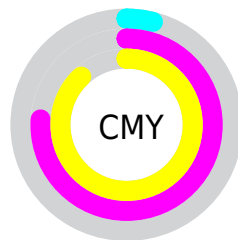


Cyan (0%)

Magenta (75%)

Yellow (87%)

Black (4%)



Cyan (4%)


Magenta (76%)


Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5723, 22.8489, 3.6209 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 39.5723, 22.8489, 3.6209 by changing the saturation by 10% instead.


 39.5723, 22.8489,
3.6209


 39.5723, 22.8489,
3.6209


335.4830,
266.9480, 143.9136

 27.3880, 14.4820,
1.4198


 73.8003, 48.1451,
13.1256


 18.0029, 8.4566,
0.1571


 96.5746, 65.8432,
21.2662


 11.0518, 4.3885,
0.0000


 123.6097, 87.4204,
32.2237

 6.1692, 1.8932,
0.0000

 155.2708,
113.2612, 46.4166

 2.9899, 0.5443,
0.0000

 191.9233,
143.7500, 64.2635


 1.1484, 0.0000,
0.0000

 233.9326,


 0.0650, 0.0000,


179.2711, 86.1830


0.0000


 281.6641,
220.2090, 112.5935


 0.0000, 0.0000,
0.0000

 39.5723, 22.8489,
3.6209


 39.5723, 22.8489,
3.6209


 38.4487, 20.9408,
2.2022


 41.3808, 25.7394,
6.4649

 38.2383, 20.5772,
1.9564

 43.9683, 29.7203,
11.0088

 47.4136, 34.8890,
17.4658

 51.7851, 41.3306,
26.0174

 57.1441, 49.1227,
36.8241

■ 63.5466, 58.3362,
50.0306

■ 71.0445, 69.0373,
65.7695

■ 79.6859, 81.2880,
84.1637

■ 89.5164, 95.1467,
105.3282

Harmonies

Analogous

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



46.2466, 22.8489, 16.1735



39.5723, 22.8489, 3.6209



28.6660, 22.8489, 0.7448

Triad

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



39.5723, 22.8489, 3.6209



8.2794, 22.8489, 10.8188



25.3917, 22.8489, 125.7927

Complementary

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



39.5723, 22.8489, 3.6209



41.3434, 55.4777, 94.9149

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.



15.9932, 22.8489, 119.4989



39.5723, 22.8489, 3.6209



7.8868, 22.8489, 36.2527

Square

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



39.5723, 22.8489, 3.6209



11.5587, 22.8489, 2.2141



10.2500, 22.8489, 79.6720



36.5595, 22.8489, 93.2795

Rectangle

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



39.5723, 22.8489, 3.6209



21.5277, 22.8489, 0.3905



10.2500, 22.8489, 79.6720



21.9078, 22.8489, 128.5247

Sweetspot

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



39.5728, 22.8503, 3.6212



70.5865, 65.3086, 56.8591



50.6010, 25.3744, 67.5130



14.5475, 13.1747, 11.0033



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.



39.5728, 22.8503, 3.6212



41.8637, 22.5075, 2.1379



51.6367, 46.9780, 7.6425



16.6866, 16.8573, 17.1719



20.6579, 11.2015, 1.0733



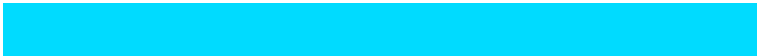
1.8722, 1.0977, 0.1132

Inverse Universe

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



41.3434, 55.4777, 94.9149



43.4433, 58.0065, 103.5144



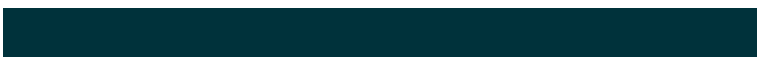
22.5650, 17.9211, 88.6555



16.7870, 18.3383, 21.1974



21.4571, 28.7079, 50.9483



1.9392, 2.6298, 4.4956

Previews

White Background



This preview shows how the XYZ color 39.5723, 22.8489, 3.6209 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 39.5723, 22.8489, 3.6209 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 39.5723, 22.8489, 3.6209

Background



This preview shows how black text looks on a background with the XYZ color 39.5723, 22.8489, 3.6209.



This preview shows how white text looks on a background with the XYZ color 39.5723, 22.8489,

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

39.5723, 22.8489, 3.6209

Protanopia

20.8174, 22.9190, 6.1229

Deuteranopia

23.2700, 22.8827, 3.1903



Tritanopia

40.3085, 22.9347, 6.4400

Trichromacy



Original Color

39.5723, 22.8489, 3.6209

Protanomaly

25.1004, 20.5425, 4.8327

Deuteranomaly

27.3175, 21.1290, 2.9551

Tritanomaly

40.1244, 22.9425, 5.2193

Monochromacy



Original Color

39.5723, 22.8489, 3.6209

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

20.2620, 16.2070, 10.2440

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5723, 22.8489, 3.6209 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, 61, 31)` looks like.

```
.text, #text, p{  
    color:rgb(245, 61, 31)  
}
```

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, 61, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 61, 31) }
```

Border

The CSS property to change the border of an element to XYZ 39.5723, 22.8489, 3.6209 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, 61, 31) }
```


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

```
.border{ border-color:rgb(245, 61, 31) }
```

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

Here you see how a box with a 4 pixel rgb(245, 61, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 61, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 61, 31);  
box-shadow:4px 4px 4px 4px rgb(245, 61,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5723, 22.8489, 3.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 61, 31) }
```

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

```
.background{ background-color: rgb(245, 61,  
31) }
```

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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