

Converting Colors

XYZ(39.8830, 22.6442, 6.2717)

Have a look what the booklet for
XYZ(39.8830, 22.6442, 6.2717)
contains.

XYZ(39.8830, 22.6442, 6.2717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.8830, 22.6442,
6.2717)**

Conversions

Conversions Part 1

Format	Color
Hex	F5393A
RGB	245, 57, 58
RGB Percent	96%, 22%, 23%
CMY	0.0392, 0.7764, 0.7725
CMYK	0.00, 0.77, 0.76, 0.04
HSL	360°, 90%, 59%
HSV	360°, 77%, 96%
XYZ	39.8830, 22.6442, 6.2717
YIQ	113.3260, 111.7270, 40.1670

Conversions

Conversions Part 2

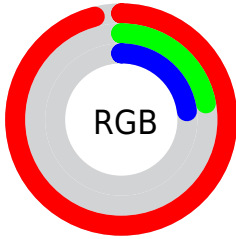
Format	Color
R_{YB}	245, 57, 58
Decimal	16070970
CIE _{Lab}	54.70, 69.57, 44.66
CIE _{LCh}	55, 82.673, 32.700
Yxy	22.6442, 0.5797, 0.3291
Android (android.graphics.Color)	4294261050 (0xFFFF5393A)
YUV	113.3260, -27.2757, 115.4781
Hunter-Lab	47.5859, 66.3301, 25.4959

Details

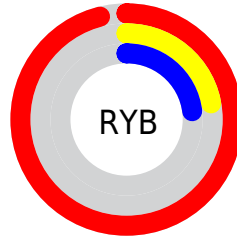
The XYZ color **39.8830, 22.6442, 6.2717** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **50.6715, 72.7071, 96.9619**, and the grayscale version is **15.8501, 16.6756, 18.1597**.

A 20% lighter version of the original color is **50.4383, 35.4943, 17.8284**, and **18.9017, 9.7350, 1.2983** is the 20% darker color. If you saturate the color by 10%, you get **38.4698, 20.5867, 3.4315**, and if you desaturate by 10%, it is **42.1739, 25.9889, 10.8507**.

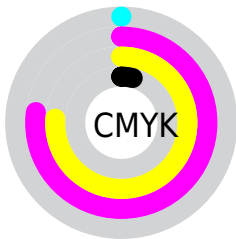
Distribution



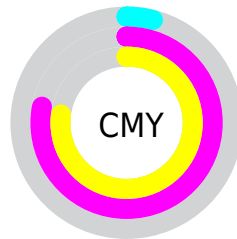
- Red (96%)
- Green (22%)
- Blue (23%)



- Red (96%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (77%)
- Yellow (76%)
- Black (4%)





- Cyan (4%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8830, 22.6442, 6.2717 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 39.8830, 22.6442, 6.2717 by changing the saturation by 10% instead.


 39.8830, 22.6442,
6.2717


 39.8830, 22.6442,
6.2717


336.7731,
265.8922, 170.8615


 27.6311, 14.3310,
2.9395


 74.2708, 47.8084,
18.9796

 18.1868, 8.3512,
1.0638


 97.1374, 65.4283,
29.1924


 11.1847, 4.3205,
0.0000


 124.2730, 86.9191,
42.5359

 6.2594, 1.8544,
0.0000

 156.0430,
112.6654, 59.4285

 3.0456, 0.5208,
0.0000

 192.8126,
143.0514, 80.2888

 1.1779, 0.0000,
0.0000

 234.9472,

 0.0888, 0.0000,

178.4616, 105.5354

0.0000

282.8123,
219.2804, 135.5868

■ 0.0000, 0.0000,
0.0000

■ 39.8830, 22.6442,
6.2717

■ 39.8830, 22.6442,
6.2717

■ 38.4698, 20.5867,
3.4315

■ 42.1739, 25.9889,
10.8507

■ 37.7936, 19.6066,
2.0584


■ 45.4518, 30.7796,
17.3848


■ 37.6629, 19.4151,
1.7993


■ 49.8117, 37.1567,
26.0603

■ 55.3371, 45.2429,
37.0412

■ 62.1031, 55.1488,
50.4759

 70.1789, 66.9757,
66.5000

 79.6283, 80.8176,
85.2395

 90.5110, 96.7622,
106.8121

 91.4659, 98.1523,
108.7323

Harmonies

Analogous

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



44.1881, 22.6442, 22.3670



39.8830, 22.6442, 6.2717



30.5971, 22.6442, 1.5468

Triad

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



39.8830, 22.6442, 6.2717



9.4084, 22.6442, 8.0628



22.3584, 22.6442, 116.3737

Complementary

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



39.8830, 22.6442, 6.2717



50.6715, 72.7071, 96.9619

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.



14.4472, 22.6442, 101.4928



39.8830, 22.6442, 6.2717



8.3392, 22.6442, 27.0954

Square

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



39.8830, 22.6442, 6.2717



13.3789, 22.6442, 1.9507



9.8918, 22.6442, 62.8985



32.4400, 22.6442, 95.5427

Rectangle

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



39.8830, 22.6442, 6.2717



23.8257, 22.6442, 0.8609



9.8918, 22.6442, 62.8985



19.3730, 22.6442, 115.3892

Sweetspot

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



39.8835, 22.6456, 6.2720



71.0978, 64.9135, 61.4001



54.5172, 28.3738, 88.9888



14.5681, 12.9427, 11.8526



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.



39.8835, 22.6456, 6.2720



41.6385, 21.8311, 2.7597



48.9649, 40.8482, 9.1766



16.5027, 16.4839, 17.1279



20.2915, 10.4600, 0.9775



1.7846, 0.9198, 0.0923

Inverse Universe

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



39.8835, 22.6456, 6.2720



41.6385, 21.8311, 2.7597



29.7483, 30.6203, 90.7279



16.5027, 16.4839, 17.1279



20.2915, 10.4600, 0.9775



1.7846, 0.9198, 0.0923

Previews

White Background



This preview shows how the XYZ color 39.8830, 22.6442, 6.2717 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 39.8830, 22.6442, 6.2717 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 39.8830, 22.6442, 6.2717

Background



This preview shows how black text looks on a background with the XYZ color 39.8830, 22.6442, 6.2717.



This preview shows how white text looks on a background with the XYZ color 39.8830, 22.6442,

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

39.8830, 22.6442, 6.2717

Protanopia

20.9292, 22.6663, 11.0565

Deuteranopia

23.1171, 22.7492, 5.6553



Tritanopia

39.8830, 22.6442, 6.2717

Trichromacy



Original Color

39.8830, 22.6442, 6.2717

Protanomaly

24.9753, 20.0850, 8.8638

Deuteranomaly

27.1252, 20.6821, 5.5800

Tritanomaly

39.8830, 22.6442, 6.2717

Monochromacy



Original Color

39.8830, 22.6442, 6.2717

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

20.5881, 16.1961, 12.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8830, 22.6442, 6.2717 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, 57, 58)` looks like.

```
.text, #text, p{  
    color:rgb(245, 57, 58)  
}
```

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, 57, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 57, 58) }
```

Border

The CSS property to change the border of an element to XYZ 39.8830, 22.6442, 6.2717 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, 57, 58) }
```


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

```
.border{ border-color:rgb(245, 57, 58) }
```

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

Here you see how a box with a 4 pixel rgb(245, 57, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 57, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 57, 58);  
box-shadow:4px 4px 4px 4px rgb(245, 57,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8830, 22.6442, 6.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 57, 58) }
```

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

```
.background{ background-color: rgb(245, 57,  
58) }
```

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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