

Converting Colors

XYZ(39.0826, 22.6071, 9.0310)

Have a look what the booklet for
XYZ(39.0826, 22.6071, 9.0310)
contains.

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Color

**XYZ(38.9827, 22.5883,
8.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	F03F4B
RGB	240, 63, 75
RGB Percent	94%, 25%, 29%
CMY	0.0588, 0.7529, 0.7059
CMYK	0.00, 0.74, 0.69, 0.06
HSL	356°, 86%, 59%
HSV	356°, 74%, 94%
XYZ	38.9827, 22.5883, 8.9620
YIQ	117.2910, 101.6400, 41.2560

Conversions

Conversions Part 2

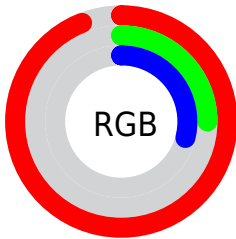
Format	Color
R_{YB}	240, 63, 75
Decimal	15744843
CIE _{Lab}	54.65, 66.98, 34.80
CIE _{LCh}	55, 75.486, 27.456
Yxy	22.5883, 0.5527, 0.3203
Android (android.graphics.Color)	4293934923 (0xFFFF03F4B)
YUV	117.2910, -20.8495, 107.6158
Hunter-Lab	47.5272, 63.2367, 22.0889

Details

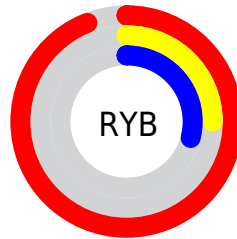
The XYZ color **38.9827, 22.5883, 8.9620** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **47.2159, 68.9791, 84.2332**, and the grayscale version is **17.0411, 17.9285, 19.5242**.

A 20% lighter version of the original color is **51.9610, 36.8812, 23.4489**, and **18.1518, 9.3290, 2.1403** is the 20% darker color. If you saturate the color by 10%, you get **37.2949, 20.2307, 5.2625**, and if you desaturate by 10%, it is **41.5194, 26.2138, 14.2726**.

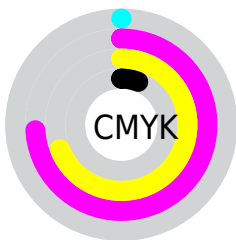
Distribution



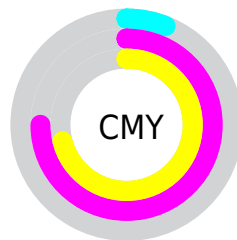
- Red (94%)
- Green (25%)
- Blue (29%)



- Red (94%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (69%)
- Black (6%)





- Cyan (6%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9827, 22.5883, 8.9620 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 38.9827, 22.5883, 8.9620 by changing the saturation by 10% instead.

 38.9827, 22.5883,
8.9620


 38.9827, 22.5883,
8.9620


333.0254,
265.6033, 193.3018

 26.9269, 14.2898,
4.6199


 72.9061, 47.7164,
24.4004


 17.6547, 8.3225,
1.9712


 95.5045, 65.3148,
36.3339

 10.8005, 4.3020,
0.5375


 122.3478, 86.7820,
51.6349

 5.9992, 1.8439,
0.0000

 153.8013,
112.5024, 70.7219

 2.8852, 0.5143,
0.0000

 190.2305,
142.8603, 94.0136

 1.0934, 0.0000,
0.0000

232.0007,

 0.0196, 0.0000,

178.2402, 121.9285

0.0000

279.4772,
219.0264, 154.8850

■ 0.0000, 0.0000,
0.0000

■ 38.9827, 22.5883,
8.9620

■ 38.9827, 22.5883,
8.9620

■ 37.2949, 20.2307,
5.2625

■ 41.5194, 26.2138,
14.2726

■ 36.3435, 18.9622,
2.9898


■ 44.9958, 31.2469,
21.3494


■ 36.0304, 18.5633,
2.1843

■ 49.4925, 37.8135,
30.3302

■ 55.0813, 46.0243,
41.3389

■ 61.8271, 55.9799,
54.4889

 69.7901, 67.7727,
69.8852

 79.0262, 81.4889,
87.6261

 89.5837, 97.2006,
107.8025

 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.



41.6966, 22.5883, 26.6805



38.9827, 22.5883, 8.9620



31.2548, 22.5883, 2.6789

Triad

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



38.9827, 22.5883, 8.9620



10.6267, 22.5883, 7.2858



20.7687, 22.5883, 104.3964

Complementary

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



38.9827, 22.5883, 8.9620



47.2159, 68.9791, 84.2332

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.



13.9749, 22.5883, 86.7867



38.9827, 22.5883, 8.9620



9.1428, 22.5883, 22.6208

Square

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



38.9827, 22.5883, 8.9620



14.9171, 22.5883, 2.2422



10.1895, 22.5883, 52.2766



29.7047, 22.5883, 91.5758

Rectangle

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



38.9827, 22.5883, 8.9620



25.1272, 22.5883, 1.5164



10.1895, 22.5883, 52.2766



18.1852, 22.5883, 101.6772

Sweetspot

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



38.9832, 22.5896, 8.9623



72.3842, 66.3583, 65.3059



48.6358, 25.8956, 84.8725



14.9998, 13.4738, 13.0207



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.



38.9832, 22.5896, 8.9623



42.2088, 22.4149, 4.6659



45.7437, 36.7066, 9.3787



15.8162, 15.7762, 16.5884



19.7405, 10.1686, 1.2843



1.6573, 0.8520, 0.1862

Inverse Universe

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



38.9832, 22.5896, 8.9623



42.2088, 22.4149, 4.6659



31.4615, 34.7137, 87.4798



15.8162, 15.7762, 16.5884



19.7405, 10.1686, 1.2843



1.6573, 0.8520, 0.1862

Previews

White Background



This preview shows how the XYZ color 38.9827, 22.5883, 8.9620 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 38.9827, 22.5883, 8.9620 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 38.9827, 22.5883, 8.9620

Background



This preview shows how black text looks on a background with the XYZ color 38.9827, 22.5883, 8.9620.



This preview shows how white text looks on a background with the XYZ color 38.9827, 22.5883,

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

38.9827, 22.5883, 8.9620

Protanopia

21.2318, 22.7281, 15.3245

Deuteranopia

22.9857, 22.6260, 8.1568



Tritanopia

38.7817, 22.5973, 7.6279

Trichromacy



Original Color

38.9827, 22.5883, 8.9620

Protanomaly

24.9469, 20.2935, 12.4997

Deuteranomaly

27.0608, 20.8796, 8.2341

Tritanomaly

38.8741, 22.6343, 8.1143

Monochromacy



Original Color

38.9827, 22.5883, 8.9620

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

21.5733, 17.1901, 14.7514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9827, 22.5883, 8.9620 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, 63, 75)` looks like.

```
.text, #text, p{  
    color:rgb(240, 63, 75)  
}
```

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, 63, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 63, 75) }
```

Border

The CSS property to change the border of an element to XYZ 38.9827, 22.5883, 8.9620 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, 63, 75) }
```


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

```
.border{ border-color:rgb(240, 63, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 63, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 63, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 63, 75);  
box-shadow:4px 4px 4px 4px rgb(240, 63,  
75) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9827, 22.5883, 8.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 63, 75) }
```

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

```
.background{ background-color: rgb(240, 63,  
75) }
```

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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