

Converting Colors

XYZ(39.5500, 21.8391, 7.8653)

Have a look what the booklet for
XYZ(39.5500, 21.8391, 7.8653)
contains.

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Color

**XYZ(39.4707, 21.7892,
7.9198)**

Conversions

Conversions Part 1

Format	Color
Hex	F43046
RGB	244, 48, 70
RGB Percent	96%, 19%, 27%
CMY	0.0431, 0.8117, 0.7255
CMYK	0.00, 0.80, 0.71, 0.04
HSL	353°, 90%, 57%
HSV	353°, 80%, 96%
XYZ	39.4707, 21.7892, 7.9198
YIQ	109.1120, 109.7540, 48.3940

Conversions

Conversions Part 2

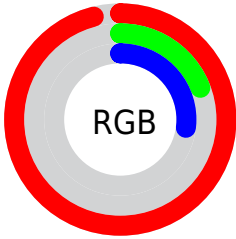
Format	Color
R_{YB}	244, 48, 70
Decimal	16003142
CIE _{Lab}	53.80, 72.16, 36.86
CIE _{LCh}	54, 81.031, 27.060
Yxy	21.7892, 0.5706, 0.3150
Android (android.graphics.Color)	4294193222 (0xFFFF43046)
YUV	109.1120, -19.2822, 118.2968
Hunter-Lab	46.6789, 69.2478, 22.6158

Details

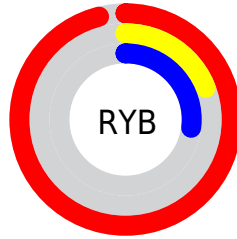
The XYZ color **39.4707, 21.7892, 7.9198** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **46.7572, 70.6046, 80.2822**, and the grayscale version is **14.6010, 15.3614, 16.7286**.

A 20% lighter version of the original color is **50.4151, 34.3783, 21.1180**, and **18.7882, 9.6628, 1.9118** is the 20% darker color. If you saturate the color by 10%, you get **38.1673, 20.0868, 4.6985**, and if you desaturate by 10%, it is **41.5696, 24.6887, 12.6228**.

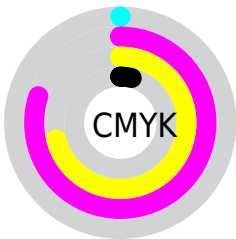
Distribution



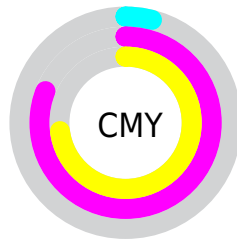
- Red (96%)
- Green (19%)
- Blue (27%)



- Red (96%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (80%)
- Yellow (71%)
- Black (4%)




- Cyan (4%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4707, 21.7892, 7.9198 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 39.4707, 21.7892, 7.9198 by changing the saturation by 10% instead.


 39.4707, 21.7892,
7.9198


 39.4707, 21.7892,
7.9198

335.0604,
261.4434, 185.0127

 27.3085, 13.7021,
3.9566


 73.6463, 46.3973,
22.3446

 17.9428, 7.9138,
1.6016


 96.3904, 63.6872,
33.6434


 11.0084, 4.0398,
0.2919


 123.3925, 84.8133,
48.2244

 6.1398, 1.6959,
0.0000

 155.0179,
110.1603, 66.5063

 2.9717, 0.4210,
0.0000

 191.6321,
140.1124, 88.9075

 1.1388, 0.0000,
0.0000

233.6003,

 0.0572, 0.0000,

175.0540, 115.8466

0.0000

281.2880,
215.3695, 147.7421

■ 0.0000, 0.0000,
0.0000

■ 39.4707, 21.7892,
7.9198

■ 39.4707, 21.7892,
7.9198

■ 38.1673, 20.0868,
4.6985

■ 41.5696, 24.6887,
12.6228


■ 37.5101, 19.3138,
2.8104


■ 44.5649, 28.9483,
18.9582


■ 48.5443, 34.7096,
27.0590


■ 53.5842, 42.0954,
37.0441

■ 59.7536, 51.2160,
49.0222

 67.1156, 62.1717,
63.0935

 75.7287, 75.0554,
79.3516

 85.6473, 89.9537,
97.8842

 91.1180, 97.9730,
108.7160

Harmonies

Analogous

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



42.3185, 21.7892, 26.2685



39.4707, 21.7892, 7.9198



31.2062, 21.7892, 1.9520

Triad

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



39.4707, 21.7892, 7.9198



9.6020, 21.7892, 6.0427



19.8636, 21.7892, 110.9773

Complementary

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



39.4707, 21.7892, 7.9198



46.7572, 70.6046, 80.2822

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.



12.8787, 21.7892, 90.9487



39.4707, 21.7892, 7.9198



8.0908, 21.7892, 21.3508

Square

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



39.4707, 21.7892, 7.9198



13.9924, 21.7892, 1.5230



9.0970, 21.7892, 52.8849



29.2929, 21.7892, 97.1029

Rectangle

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



39.4707, 21.7892, 7.9198



24.6875, 21.7892, 0.9641



9.0970, 21.7892, 52.8849



17.1844, 21.7892, 107.7811

Sweetspot

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



39.4712, 21.7905, 7.9201



70.9905, 63.9559, 63.6549



47.2466, 24.0403, 87.7375



14.5784, 12.7720, 12.4455



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.



39.4712, 21.7905, 7.9201



41.6951, 21.6192, 3.7804



44.9427, 33.6482, 6.9242



16.5747, 16.5127, 17.5069



20.4204, 10.5116, 1.6563



1.8190, 0.9336, 0.2732

Inverse Universe

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



39.4712, 21.7905, 7.9201



41.6951, 21.6192, 3.7804



31.7131, 35.4891, 90.7661



16.5747, 16.5127, 17.5069



20.4204, 10.5116, 1.6563



1.8190, 0.9336, 0.2732

Previews

White Background



This preview shows how the XYZ color 39.4707, 21.7892, 7.9198 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 39.4707, 21.7892, 7.9198 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 39.4707, 21.7892, 7.9198

Background



This preview shows how black text looks on a background with the XYZ color 39.4707, 21.7892, 7.9198.



This preview shows how white text looks on a background with the XYZ color 39.4707, 21.7892,

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

39.4707, 21.7892, 7.9198

Protanopia

20.5361, 21.9856, 14.7166

Deuteranopia

22.3696, 21.9553, 7.1965



Tritanopia

38.8100, 21.7586, 5.4031

Trichromacy



Original Color

39.4707, 21.7892, 7.9198

Protanomaly

24.4501, 19.1660, 11.6433

Deuteranomaly

26.5659, 19.8010, 7.1244

Tritanomaly

38.9354, 21.7381, 6.2814

Monochromacy



Original Color

39.4707, 21.7892, 7.9198

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

19.5743, 14.9117, 12.6730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4707, 21.7892, 7.9198 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(244, 48, 70)` looks like.

```
.text, #text, p{  
    color:rgb(244, 48, 70)  
}
```

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(244, 48, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 48, 70) }
```

Border

The CSS property to change the border of an element to XYZ 39.4707, 21.7892, 7.9198 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(244, 48, 70) }
```


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

```
.border{ border-color:rgb(244, 48, 70) }
```

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

Here you see how a box with a 4 pixel rgb(244, 48, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 48, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 48, 70);  
box-shadow:4px 4px 4px 4px rgb(244, 48,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4707, 21.7892, 7.9198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 48, 70) }
```

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

```
.background{ background-color: rgb(244, 48,  
70) }
```

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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