

Converting Colors

XYZ(39.0896, 21.8398, 5.2872)

Have a look what the booklet for
XYZ(39.0896, 21.8398, 5.2872)
contains.

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Color

**XYZ(39.0896, 21.8398,
5.2872)**

Conversions

Conversions Part 1

Format	Color
Hex	F43333
RGB	244, 51, 51
RGB Percent	96%, 20%, 20%
CMY	0.0431, 0.7999, 0.8000
CMYK	0.00, 0.79, 0.79, 0.04
HSL	0°, 90%, 58%
HSV	0°, 79%, 96%
XYZ	39.0896, 21.8398, 5.2872
YIQ	108.7070, 115.0280, 40.9160

Conversions

Conversions Part 2

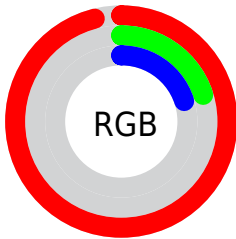
Format	Color
R_{YB}	244, 51, 51
Decimal	16003891
CIE _{Lab}	53.86, 70.72, 47.48
CIE _{LCh}	54, 85.182, 33.873
Yxy	21.8398, 0.5903, 0.3298
Android (android.graphics.Color)	4294193971 (0xFFFF43333)
YUV	108.7070, -28.4496, 118.6520
Hunter-Lab	46.7331, 67.5224, 26.0053

Details

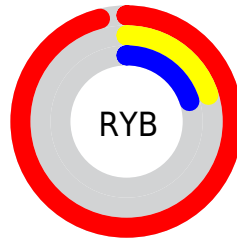
The XYZ color **39.0896, 21.8398, 5.2872** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **50.0396, 71.9261, 96.8331**, and the grayscale version is **14.5101, 15.2658, 16.6245**.

A 20% lighter version of the original color is **49.6229, 34.4223, 15.8331**, and **18.6233, 9.5969, 1.0431** is the 20% darker color. If you saturate the color by 10%, you get **37.8844, 20.0768, 2.8913**, and if you desaturate by 10%, it is **41.1360, 24.8351, 9.3542**.

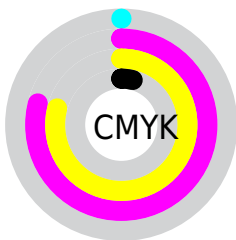
Distribution



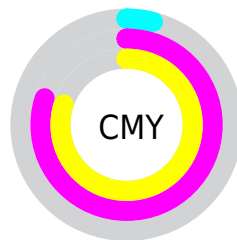
- Red (96%)
- Green (20%)
- Blue (20%)



- Red (96%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (79%)
- Yellow (79%)
- Black (4%)





- Cyan (4%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0896, 21.8398, 5.2872 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 39.0896, 21.8398, 5.2872 by changing the saturation by 10% instead.

 39.0896, 21.8398,
5.2872


 39.0896, 21.8398,
5.2872

333.4719,
261.7085, 161.6082


 27.0105, 13.7392,
2.3551


 73.0684, 46.4811,
16.8838

 17.7177, 7.9395,
0.7618


 95.6987, 63.7906,
26.3854

 10.8460, 4.0563,
0.0000


 122.5769, 84.9385,
38.9138

 6.0299, 1.7051,
0.0000

 154.0682,
110.3093, 54.8877

 2.9041, 0.4270,
0.0000

 190.5380,
140.2873, 74.7255

 1.1032, 0.0000,
0.0000

 232.3516,

 0.0278, 0.0000,

175.2569, 98.8458

0.0000

279.8745,
215.6025, 127.6672

■ 0.0000, 0.0000,
0.0000

■ 39.0896, 21.8398,
5.2872

■ 39.0896, 21.8398,
5.2872

■ 37.8844, 20.0768,
2.8913

■ 41.1360, 24.8351,
9.3542

■ 37.3441, 19.2860,
1.8175


■ 44.1378, 29.2277,
15.3212


■ 37.3082, 19.2334,
1.7461

■ 48.1928, 35.1614,
23.3821


■ 53.3865, 42.7613,
33.7067

■ 59.7956, 52.1396,
46.4476

 67.4900, 63.3988,
61.7441

 76.5346, 76.6335,
79.7247

 86.9897, 91.9321,
100.5095

 91.1179, 97.9729,
108.7160

Harmonies

Analogous

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



43.7627, 21.8398, 20.5318



39.0896, 21.8398, 5.2872



29.5224, 21.8398, 1.1566

Triad

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



39.0896, 21.8398, 5.2872



8.6183, 21.8398, 7.7632



21.9710, 21.8398, 117.9935

Complementary

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



39.0896, 21.8398, 5.2872



50.0396, 71.9261, 96.8331

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.



13.9266, 21.8398, 103.9303



39.0896, 21.8398, 5.2872



7.6755, 21.8398, 27.3535

Square

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



39.0896, 21.8398, 5.2872



12.4059, 21.8398, 1.6727



9.2977, 21.8398, 64.4423



32.2067, 21.8398, 95.0831

Rectangle

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



39.0896, 21.8398, 5.2872



22.6956, 21.8398, 0.5706



9.2977, 21.8398, 64.4423



18.9341, 21.8398, 117.4911

Sweetspot

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



39.0901, 21.8411, 5.2875



70.2036, 63.6430, 59.5055



54.8208, 28.1323, 88.1280



14.3958, 12.6994, 11.4829



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.



39.0901, 21.8411, 5.2875



41.4521, 21.5705, 2.3511



48.4171, 40.4952, 8.3965



16.4993, 16.4828, 17.1094



20.2863, 10.4583, 0.9494



1.7830, 0.9193, 0.0835

Inverse Universe

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



50.0396, 71.9261, 96.8331



53.9656, 78.8102, 106.9753



28.2059, 28.2587, 89.5551



16.9966, 18.7576, 21.2673



26.4660, 38.7257, 52.6179



2.3261, 3.4037, 4.6246

Previews

White Background



This preview shows how the XYZ color 39.0896, 21.8398, 5.2872 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 39.0896, 21.8398, 5.2872 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 39.0896, 21.8398, 5.2872

Background



This preview shows how black text looks on a background with the XYZ color 39.0896, 21.8398, 5.2872.



This preview shows how white text looks on a background with the XYZ color 39.0896, 21.8398,

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

39.0896, 21.8398, 5.2872

Protanopia

20.2082, 21.9323, 9.4716

Deuteranopia

22.2866, 21.9686, 4.6558



Tritanopia

39.0896, 21.8398, 5.2872

Trichromacy



Original Color

39.0896, 21.8398, 5.2872

Protanomaly

24.1982, 19.2727, 7.4456

Deuteranomaly

26.4132, 19.9160, 4.5499

Tritanomaly

39.0896, 21.8398, 5.2872

Monochromacy



Original Color

39.0896, 21.8398, 5.2872

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

19.3517, 14.9531, 11.0988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0896, 21.8398, 5.2872 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, 51, 51)` looks like.

```
.text, #text, p{  
    color:rgb(244, 51, 51)  
}
```

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, 51, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 51, 51) }
```

Border

The CSS property to change the border of an element to XYZ 39.0896, 21.8398, 5.2872 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, 51, 51) }
```


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

```
.border{ border-color:rgb(244, 51, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 51, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 51, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 51, 51);  
box-shadow:4px 4px 4px 4px rgb(244, 51,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0896, 21.8398, 5.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 51, 51) }
```

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

```
.background{ background-color: rgb(244, 51,  
51) }
```

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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