

Converting Colors

XYZ(39.9952, 25.1228, 8.8055)

Have a look what the booklet for
XYZ(39.9952, 25.1228, 8.8055)
contains.

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Color

**XYZ(39.8596, 25.0051,
8.8565)**

Conversions

Conversions Part 1

Format	Color
Hex	EF5348
RGB	239, 83, 72
RGB Percent	94%, 33%, 28%
CMY	0.0627, 0.6745, 0.7176
CMYK	0.00, 0.65, 0.70, 0.06
HSL	4°, 84%, 61%
HSV	4°, 70%, 94%
XYZ	39.8596, 25.0051, 8.8565
YIQ	128.3900, 96.5070, 29.6510

Conversions

Conversions Part 2

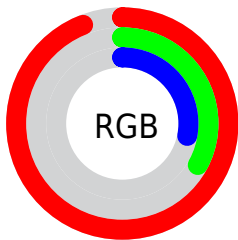
Format	Color
R_{YB}	239, 84, 72
Decimal	15684424
CIE _{Lab}	57.08, 59.25, 39.34
CIE _{LCh}	57, 71.127, 33.584
Yxy	25.0051, 0.5407, 0.3392
Android (android.graphics.Color)	4293874504 (0xFFEF5348)
YUV	128.3900, -27.8003, 97.0050
Hunter-Lab	50.0051, 54.7753, 24.5026

Details

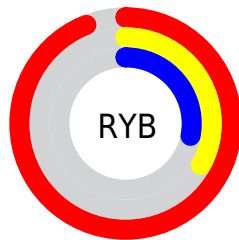
The XYZ color **39.8596, 25.0051, 8.8565** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **45.9932, 63.0913, 91.4147**, and the grayscale version is **20.7247, 21.8040, 23.7445**.

A 20% lighter version of the original color is **53.9238, 41.1057, 23.1813**, and **18.2594, 9.6233, 1.9320** is the 20% darker color. If you saturate the color by 10%, you get **37.7840, 21.8689, 5.0369**, and if you desaturate by 10%, it is **42.7889, 29.3647, 14.4551**.

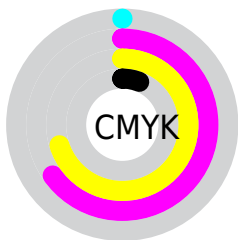
Distribution



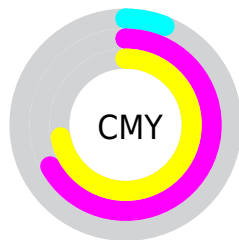
- Red (94%)
- Green (33%)
- Blue (28%)



- Red (94%)
- Yellow (33%)
- Blue (28%)



- Cyan (0%)
- Magenta (65%)
- Yellow (70%)
- Black (6%)





- Cyan (6%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.8596, 25.0051, 8.8565 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 39.8596, 25.0051, 8.8565 by changing the saturation by 10% instead.


 39.8596, 25.0051,
8.8565


 39.8596, 25.0051,
8.8565


336.6760,
277.8633, 192.4822


 27.6128, 16.0809,
4.5522


 74.2354, 51.6655,
24.1945

 18.1730, 9.5814,
1.9329


 97.0951, 70.1704,
36.0652


 11.1747, 5.1223,
0.5135


 124.2231, 92.6377,
51.2952

 6.2526, 2.3192,
0.0000

 155.9849,
119.4518, 70.3029

 3.0414, 0.7838,
0.0000

 192.7457,
150.9970, 93.5070

 1.1757, 0.0000,
0.0000

234.8709,

 0.0870, 0.0000,

187.6577, 121.3258

0.0000

282.7259,
229.8184, 154.1781

■ 0.0000, 0.0000,
0.0000

■ 39.8596, 25.0051,
8.8565

■ 39.8596, 25.0051,
8.8565

■ 37.7840, 21.8689,
5.0369

■ 42.7889, 29.3647,
14.4551

■ 36.4681, 19.8269,
2.7800

■ 46.6492, 35.0513,
22.0128


■ 35.7839, 18.7230,
1.7365


■ 51.5113, 42.1624,
31.6889


■ 35.7781, 18.7140,
1.7264

■ 57.4383, 50.7851,
43.6262

■ 64.4883, 60.9997,
57.9547

 72.7153, 72.8807,
74.7950

 82.1696, 86.4978,
94.2592

 89.4064, 97.0906,
108.6359

Harmonies

Analogous

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



43.7275, 25.0051, 24.4442



39.8596, 25.0051, 8.8565



31.6724, 25.0051, 3.2911

Triad

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



39.8596, 25.0051, 8.8565



12.0673, 25.0051, 11.4342



24.7874, 25.0051, 104.0381

Complementary

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



39.8596, 25.0051, 8.8565



45.9932, 63.0913, 91.4147

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.



17.2997, 25.0051, 92.9139



39.8596, 25.0051, 8.8565



11.0477, 25.0051, 30.2118

Square

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



39.8596, 25.0051, 8.8565



15.9270, 25.0051, 4.0473



12.7193, 25.0051, 61.5245



33.8309, 25.0051, 86.5319

Rectangle

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



39.8596, 25.0051, 8.8565



25.6113, 25.0051, 2.3041



12.7193, 25.0051, 61.5245



22.0127, 25.0051, 103.5535

Sweetspot

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



39.8602, 25.0065, 8.8569



73.6622, 69.1514, 65.0014



52.2882, 28.7352, 78.1326



15.2633, 14.0724, 12.8878



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.



39.8602, 25.0065, 8.8569



42.9992, 24.1436, 4.4734



50.0148, 45.3158, 12.2418



15.8564, 15.9260, 16.3880



19.8042, 10.4065, 0.9649



1.6766, 0.9239, 0.0900

Inverse Universe

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



45.9932, 63.0913, 91.4147



50.3761, 70.5265, 105.5656



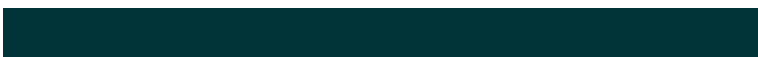
28.7095, 28.5239, 85.6535



16.1530, 17.7400, 20.2944



23.2667, 32.7577, 50.2245



1.9623, 2.7785, 4.1871

Previews

White Background



This preview shows how the XYZ color 39.8596, 25.0051, 8.8565 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 39.8596, 25.0051, 8.8565 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 39.8596, 25.0051, 8.8565

Background



This preview shows how black text looks on a background with the XYZ color 39.8596, 25.0051, 8.8565.



This preview shows how white text looks on a background with the XYZ color 39.8596, 25.0051,

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

39.8596, 25.0051, 8.8565

Protanopia

23.2284, 25.0362, 13.5057

Deuteranopia

25.5911, 25.1375, 8.2059



Tritanopia

40.5573, 25.0820, 11.5078

Trichromacy



Original Color

39.8596, 25.0051, 8.8565

Protanomaly

27.2529, 23.3078, 11.4500

Deuteranomaly

29.5064, 24.0301, 8.2374

Tritanomaly

40.4377, 25.1539, 10.5085

Monochromacy



Original Color

39.8596, 25.0051, 8.8565

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

24.6494, 20.9959, 16.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8596, 25.0051, 8.8565 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(239, 83, 72)` looks like.

```
.text, #text, p{  
  color:rgb(239, 83, 72)  
}
```

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(239, 83, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 83, 72) }
```

Border

The CSS property to change the border of an element to XYZ 39.8596, 25.0051, 8.8565 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(239, 83, 72) }
```


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

```
.border{ border-color:rgb(239, 83, 72) }
```

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

Here you see how a box with a 4 pixel rgb(239, 83, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 83, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 83, 72);  
box-shadow:4px 4px 4px 4px rgb(239, 83,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8596, 25.0051, 8.8565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 83, 72) }
```

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

```
.background{ background-color: rgb(239, 83,  
72) }
```

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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