

Converting Colors

XYZ(39.0005, 24.4005, 8.6567)

Have a look what the booklet for
XYZ(39.0005, 24.4005, 8.6567)
contains.

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Color

**XYZ(39.0797, 24.4940,
8.6293)**

Conversions

Conversions Part 1

Format	Color
Hex	ED5247
RGB	237, 82, 71
RGB Percent	93%, 32%, 28%
CMY	0.0706, 0.6784, 0.7216
CMYK	0.00, 0.65, 0.70, 0.07
HSL	4°, 82%, 60%
HSV	4°, 70%, 93%
XYZ	39.0797, 24.4940, 8.6293
YIQ	127.0910, 95.9110, 29.4390

Conversions

Conversions Part 2

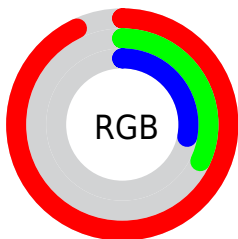
Format	Color
R_{YB}	237, 83, 71
Decimal	15553095
CIE Lab	56.58, 58.96, 39.23
CIE LCh	57, 70.816, 33.638
Yxy	24.4940, 0.5412, 0.3392
Android (android.graphics.Color)	4293743175 (0xFFED5247)
YUV	127.0910, -27.6529, 96.3902
Hunter-Lab	49.4914, 54.3382, 24.3062

Details

The XYZ color **39.0797, 24.4940, 8.6293** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **45.0784, 61.8417, 89.6811**, and the grayscale version is **20.2742, 21.3300, 23.2284**.

A 20% lighter version of the original color is **53.7186, 40.7930, 22.8119**, and **17.7735, 9.3362, 1.8426** is the 20% darker color. If you saturate the color by 10%, you get **37.0537, 21.4314, 4.9050**, and if you desaturate by 10%, it is **41.9411, 28.7536, 14.0947**.

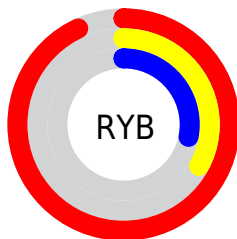
Distribution



Red (93%)

Green (32%)

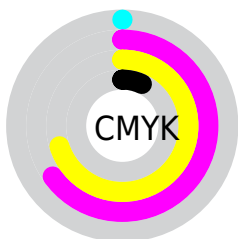
Blue (28%)



Red (93%)

Yellow (33%)

Blue (28%)

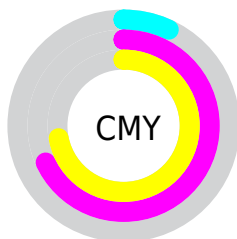


Cyan (0%)

Magenta (65%)

Yellow (70%)

Black (7%)



Cyan (7%)


Magenta (68%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0797, 24.4940, 8.6293 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 39.0797, 24.4940, 8.6293 by changing the saturation by 10% instead.


 39.0797, 24.4940,
8.6293


 39.0797, 24.4940,
8.6293

333.4306,
275.3086, 190.7030


 27.0027, 15.7005,
4.4067


 73.0533, 50.8351,
23.7494

 17.7119, 9.3125,
1.8510


 95.6807, 69.1516,
35.4840


 10.8418, 4.9455,
0.4613


 122.5557, 91.4110,
50.5597

 6.0270, 2.2153,
0.0000

 154.0435,
117.9980, 69.3949

 2.9023, 0.7283,
0.0000

 190.5095,
149.2969, 92.4084

 1.1023, 0.0000,
0.0000

232.3191,

 0.0271, 0.0000,

185.6920, 120.0185

0.0000

279.8377,
227.5677, 152.6439

■ 0.0000, 0.0000,
0.0000

■ 39.0797, 24.4940,
8.6293

■ 39.0797, 24.4940,
8.6293

■ 37.0537, 21.4314,
4.9050

■ 41.9411, 28.7536,
14.0947

■ 35.7709, 19.4392,
2.7094


■ 45.7137, 34.3118,
21.4781


■ 35.1060, 18.3667,
1.6948


■ 50.4668, 41.2641,
30.9357

■ 56.2624, 49.6960,
42.6075

■ 63.1574, 59.6860,
56.6212

 71.2047, 71.3070,
73.0950

 80.4537, 84.6276,
92.1389

 88.7349, 96.7444,
108.6045

Harmonies

Analogous

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



42.8915, 24.4940, 23.8987



39.0797, 24.4940, 8.6293



31.0302, 24.4940, 3.1945

Triad

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



39.0797, 24.4940, 8.6293



11.7940, 24.4940, 11.1936



24.2985, 24.4940, 102.1808

Complementary

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



39.0797, 24.4940, 8.6293



45.0784, 61.8417, 89.6811

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.



16.9426, 24.4940, 91.2871



39.0797, 24.4940, 8.6293



10.7988, 24.4940, 29.6473

Square

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



39.0797, 24.4940, 8.6293



15.5753, 24.4940, 3.9448



12.4431, 24.4940, 60.4355



33.1826, 24.4940, 84.9160

Rectangle

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



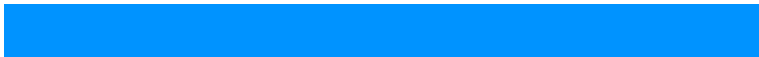
39.0797, 24.4940, 8.6293



25.0770, 24.4940, 2.2345



12.4431, 24.4940, 60.4355



21.5725, 24.4940, 101.7222

Sweetspot

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



39.0803, 24.4954, 8.6297



73.6673, 69.1616, 65.0031



51.2791, 28.1514, 76.6401



15.2644, 14.0747, 12.8882



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.



39.0803, 24.4954, 8.6297



43.0032, 24.1516, 4.4748



49.0355, 44.4059, 11.9481



15.1457, 15.2143, 15.6571



19.1993, 10.0929, 0.9362



1.5358, 0.8490, 0.0829

Inverse Universe

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



45.0784, 61.8417, 89.6811



50.3510, 70.4763, 105.5573



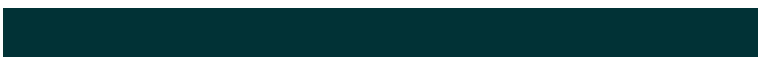
28.1173, 27.9195, 84.0274



15.4272, 16.9408, 19.3791



22.5416, 31.7302, 48.6794



1.7959, 2.5432, 3.8311

Previews

White Background



This preview shows how the XYZ color 39.0797, 24.4940, 8.6293 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 39.0797, 24.4940, 8.6293 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 39.0797, 24.4940, 8.6293

Background



This preview shows how black text looks on a background with the XYZ color 39.0797, 24.4940, 8.6293.



This preview shows how white text looks on a background with the XYZ color 39.0797, 24.4940,

8.6293.

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

39.0797, 24.4940, 8.6293

Protanopia

22.8624, 24.6424, 13.2243

Deuteranopia

25.0006, 24.6379, 7.9953



Tritanopia

39.7682, 24.5703, 11.2409

Trichromacy



Original Color

39.0797, 24.4940, 8.6293

Protanomaly

26.6291, 22.8186, 11.1845

Deuteranomaly

28.8516, 23.5294, 8.0220

Tritanomaly

39.6503, 24.6412, 10.2558

Monochromacy



Original Color

39.0797, 24.4940, 8.6293

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.2746, 20.6459, 16.6156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0797, 24.4940, 8.6293 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(237, 82, 71)` looks like.

```
.text, #text, p{  
    color:rgb(237, 82, 71)  
}
```

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(237, 82, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 82, 71) }
```

Border

The CSS property to change the border of an element to XYZ 39.0797, 24.4940, 8.6293 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(237, 82, 71) }
```


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

```
.border{ border-color:rgb(237, 82, 71) }
```

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

Here you see how a box with a 4 pixel rgb(237, 82, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 82, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 82, 71);  
box-shadow:4px 4px 4px 4px rgb(237, 82,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0797, 24.4940, 8.6293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 82, 71) }
```

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

```
.background{ background-color: rgb(237, 82,  
71) }
```

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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