

Converting Colors

XYZ(39.6029, 25.5859, 11.3064)

Have a look what the booklet for
XYZ(39.6029, 25.5859, 11.3064)
contains.

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Color

**XYZ(39.4336, 25.4470,
11.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5954
RGB	235, 89, 84
RGB Percent	92%, 35%, 33%
CMY	0.0784, 0.6509, 0.6706
CMYK	0.00, 0.62, 0.64, 0.08
HSL	2°, 79%, 63%
HSV	2°, 64%, 92%
XYZ	39.4336, 25.4470, 11.2209
YIQ	132.0840, 88.6210, 29.3970

Conversions

Conversions Part 2

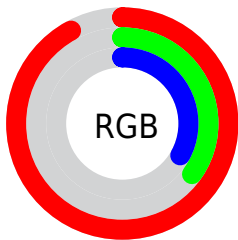
Format	Color
RYB	235, 89, 84
Decimal	15423828
CIELab	57.51, 56.07, 32.97
CIELCh	58, 65.046, 30.457
Yxy	25.4470, 0.5182, 0.3344
Android (android.graphics.Color)	4293613908 (0xFFEB5954)
YUV	132.0840, -23.7054, 90.2573
Hunter-Lab	50.4450, 51.2572, 22.1232

Details

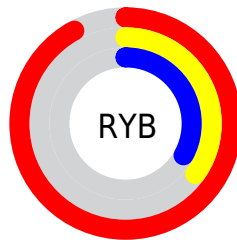
The XYZ color **39.4336, 25.4470, 11.2209** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **46.9461, 64.4720, 88.5670**, and the grayscale version is **22.0239, 23.1709, 25.2331**.

A 20% lighter version of the original color is **55.6685, 43.2320, 27.9648**, and **18.0150, 9.8612, 2.8734** is the 20% darker color. If you saturate the color by 10%, you get **37.0548, 21.9239, 6.6234**, and if you desaturate by 10%, it is **42.7054, 30.2629, 17.6390**.

Distribution



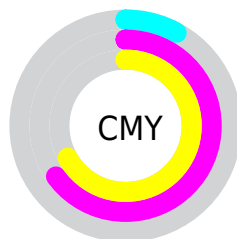
- Red (92%)
- Green (35%)
- Blue (33%)



- Red (92%)
- Yellow (35%)
- Blue (33%)



- Cyan (0%)
- Magenta (62%)
- Yellow (64%)
- Black (8%)





- Cyan (8%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4336, 25.4470, 11.2209 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 39.4336, 25.4470, 11.2209 by changing the saturation by 10% instead.


 39.4336, 25.4470,
11.2209


 39.4336, 25.4470,
11.2209


334.9060,
280.0568, 209.9684


 27.2794, 16.4104,
6.0996


 73.5901, 52.3815,
28.7108

 17.9209, 9.8150,
2.8360


 96.3231, 71.0481,
41.9165


 10.9925, 5.2765,
1.0115


 123.3132, 93.6936,
58.6540

 6.1291, 2.4104,
0.0000

 154.9256,
120.7022, 79.3419

 2.9651, 0.8312,
0.0000

 191.5257,
152.4585, 104.3988

 1.1354, 0.0000,
0.0000

233.4789,

 0.0544, 0.0000,

189.3467, 134.2431

0.0000

281.1506,
231.7514, 169.2935

■ 0.0000, 0.0000,
0.0000

■ 39.4336, 25.4470,
11.2209

■ 39.4336, 25.4470,
11.2209

■ 37.0548, 21.9239,
6.6234

■ 42.7054, 30.2629,
17.6390

■ 35.4794, 19.5650,
3.6568

■ 46.9450, 36.4757,
26.0393


■ 34.6021, 18.2232,
2.0916


■ 52.2212, 44.1836,
36.5669


■ 34.3454, 17.8313,
1.6316

■ 58.5961, 53.4751,
49.3532

■ 66.1268, 64.4314,
64.5189

 74.8666, 77.1286,
82.1761

 84.8655, 91.6378,
102.4297

 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



42.3493, 25.4470, 27.3689



39.4336, 25.4470, 11.2209



32.3002, 25.4470, 4.6983

Triad

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



39.4336, 25.4470, 11.2209



13.4041, 25.4470, 11.5463



24.3055, 25.4470, 96.0064

Complementary

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



39.4336, 25.4470, 11.2209



46.9461, 64.4720, 88.5670

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.



17.5600, 25.4470, 83.8601



39.4336, 25.4470, 11.2209



12.1397, 25.4470, 28.0488

Square

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



39.4336, 25.4470, 11.2209



17.3945, 25.4470, 4.8032



13.4843, 25.4470, 55.4451



32.5502, 25.4470, 83.1508

Rectangle

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



39.4336, 25.4470, 11.2209



26.7413, 25.4470, 3.3376



13.4843, 25.4470, 55.4451



21.8000, 25.4470, 94.6639

Sweetspot

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



39.4342, 25.4484, 11.2213



75.0417, 70.9313, 68.4794



52.0654, 29.8566, 79.7228



15.5158, 14.3873, 13.5579



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.



39.4342, 25.4484, 11.2213



43.9200, 25.3714, 6.6726



48.7844, 44.1488, 14.3380



15.1055, 15.1340, 15.6437



19.1330, 9.9602, 0.9141



1.5166, 0.8104, 0.0765

Inverse Universe

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



46.9461, 64.4720, 88.5670



53.5506, 75.5744, 106.3726



30.7058, 31.9914, 83.1535



15.4724, 17.0312, 19.3941



23.6844, 34.0159, 49.0604



1.8733, 2.6980, 3.8569

Previews

White Background



This preview shows how the XYZ color 39.4336, 25.4470, 11.2209 looks on a white background.

Color Contrast Check

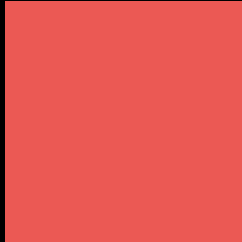
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4336, 25.4470, 11.2209 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 39.4336, 25.4470, 11.2209

Background



This preview shows how black text looks on a background with the XYZ color 39.4336, 25.4470, 11.2209.



This preview shows how white text looks on a background with the XYZ color 39.4336, 25.4470,

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

39.4336, 25.4470, 11.2209

Protanopia

23.7999, 25.4723, 16.7590

Deuteranopia

25.9180, 25.4593, 10.3856



Tritanopia

39.7265, 25.4319, 13.1710

Trichromacy



Original Color

39.4336, 25.4470, 11.2209

Protanomaly

27.6965, 23.9993, 14.4818

Deuteranomaly

29.6490, 24.3928, 10.5427

Tritanomaly

39.5961, 25.3798, 12.4847

Monochromacy



Original Color

39.4336, 25.4470, 11.2209

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

25.7021, 22.1636, 19.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4336, 25.4470, 11.2209 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(235, 89, 84)` looks like.

```
.text, #text, p{  
  color:rgb(235, 89, 84)  
}
```

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(235, 89, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 89, 84) }
```

Border

The CSS property to change the border of an element to XYZ 39.4336, 25.4470, 11.2209 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(235, 89, 84) }
```


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

```
.border{ border-color:rgb(235, 89, 84) }
```

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

Here you see how a box with a 4 pixel rgb(235, 89, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 89, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 89, 84);  
box-shadow:4px 4px 4px 4px rgb(235, 89,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4336, 25.4470, 11.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 89, 84) }
```

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

```
.background{ background-color: rgb(235, 89,  
84) }
```

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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