

Converting Colors

XYZ(38.9334, 22.6916, 10.3885)

Have a look what the booklet for
XYZ(38.9334, 22.6916, 10.3885)
contains.

XYZ(39.0099, 22.7405, 10.3160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.0099, 22.7405,
10.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	EF4152
RGB	239, 65, 82
RGB Percent	94%, 25%, 32%
CMY	0.0627, 0.7450, 0.6784
CMYK	0.00, 0.73, 0.66, 0.06
HSL	354°, 84%, 60%
HSV	354°, 73%, 94%
XYZ	39.0099, 22.7405, 10.3160
YIQ	118.9640, 98.2470, 42.1750

Conversions

Conversions Part 2

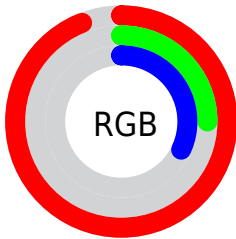
Format	Color
R_{YB}	239, 65, 82
Decimal	15679826
CIE _{Lab}	54.80, 66.39, 30.90
CIE _{LCh}	55, 73.226, 24.960
Yxy	22.7405, 0.5413, 0.3155
Android (android.graphics.Color)	4293869906 (0xFFEF4152)
YUV	118.9640, -18.2233, 105.2716
Hunter-Lab	47.6870, 62.5680, 20.5549

Details

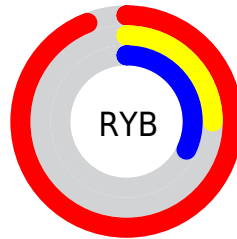
The XYZ color **39.0099, 22.7405, 10.3160** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **46.2334, 68.1314, 79.8288**, and the grayscale version is **17.5588, 18.4732, 20.1173**.

A 20% lighter version of the original color is **52.6703, 37.5659, 25.9476**, and **18.0131, 9.2475, 2.5858** is the 20% darker color. If you saturate the color by 10%, you get **37.2204, 20.2751, 6.2872**, and if you desaturate by 10%, it is **41.6382, 26.4715, 15.8967**.

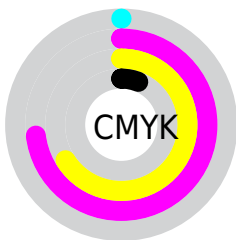
Distribution



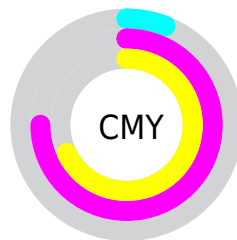
- Red (94%)
- Green (25%)
- Blue (32%)



- Red (94%)
- Yellow (25%)
- Blue (32%)



- Cyan (0%)
- Magenta (73%)
- Yellow (66%)
- Black (6%)





- Cyan (6%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0099, 22.7405, 10.3160 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 39.0099, 22.7405, 10.3160 by changing the saturation by 10% instead.

 39.0099, 22.7405,
10.3160


 39.0099, 22.7405,
10.3160


333.1390,
266.3893, 203.4788


 26.9482, 14.4020,
5.5006


 72.9474, 47.9669,
27.0052

 17.6707, 8.4008,
2.4801


 95.5539, 65.6236,
39.7162


 10.8121, 4.3525,
0.8296


 122.4061, 87.1551,
55.8961

 6.0070, 1.8726,
0.0000

 153.8693,
112.9459, 75.9635

 2.8900, 0.5318,
0.0000

 190.3088,
143.3803, 100.3370

 1.0959, 0.0000,
0.0000

232.0900,

 0.0217, 0.0000,

178.8427, 129.4350

0.0000

279.5783,
219.7176, 163.6761

■ 0.0000, 0.0000,
0.0000

■ 39.0099, 22.7405,
10.3160

■ 39.0099, 22.7405,
10.3160

■ 37.2204, 20.2751,
6.2872

■ 41.6382, 26.4715,
15.8967

■ 36.1642, 18.9037,
3.6508


■ 45.1908, 31.6031,
23.1650


■ 35.7544, 18.4138,
2.4982


■ 49.7441, 38.2574,
32.2430


■ 55.3663, 46.5421,
43.2413

■ 62.1194, 56.5551,
56.2614

 70.0608, 68.3867,
71.3977

 79.2439, 82.1208,
88.7388

 89.3310, 97.0605,
108.2389

 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.



41.1113, 22.7405, 28.8851



39.0099, 22.7405, 10.3160



31.8340, 22.7405, 3.2629

Triad

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



39.0099, 22.7405, 10.3160



11.2145, 22.7405, 6.9771



20.2759, 22.7405, 100.9486

Complementary

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



39.0099, 22.7405, 10.3160



46.2334, 68.1314, 79.8288

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.



13.8555, 22.7405, 82.0912



39.0099, 22.7405, 10.3160



9.5253, 22.7405, 21.0485

Square

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



39.0099, 22.7405, 10.3160



15.6913, 22.7405, 2.3506



10.3549, 22.7405, 48.7235



28.8665, 22.7405, 91.1065

Rectangle

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



39.0099, 22.7405, 10.3160



25.9081, 22.7405, 1.8437



10.3549, 22.7405, 48.7235



17.8230, 22.7405, 97.5321

Sweetspot

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



39.0104, 22.7418, 10.3163



72.5849, 66.4386, 66.3629



47.4729, 25.4806, 84.0770



15.0461, 13.4924, 13.2645



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.



39.0104, 22.7418, 10.3163



42.4731, 22.6301, 5.7203



45.1602, 35.9509, 9.5619



15.8355, 15.7839, 16.6899



19.7801, 10.1844, 1.4924



1.6665, 0.8556, 0.2346

Inverse Universe

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



39.0104, 22.7418, 10.3163



42.4731, 22.6301, 5.7203



32.0240, 35.8829, 86.8991



15.8355, 15.7839, 16.6899



19.7801, 10.1844, 1.4924



1.6665, 0.8556, 0.2346

Previews

White Background



This preview shows how the XYZ color 39.0099, 22.7405, 10.3160 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 39.0099, 22.7405, 10.3160 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 39.0099, 22.7405, 10.3160

Background



This preview shows how black text looks on a background with the XYZ color 39.0099, 22.7405, 10.3160.



This preview shows how white text looks on a background with the XYZ color 39.0099, 22.7405,

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

39.0099, 22.7405, 10.3160

Protanopia

21.5241, 22.8257, 17.7394

Deuteranopia

23.2342, 22.7253, 9.4652



Tritanopia

38.7092, 22.8072, 8.1564

Trichromacy



Original Color

39.0099, 22.7405, 10.3160

Protanomaly

25.1890, 20.5302, 14.4395

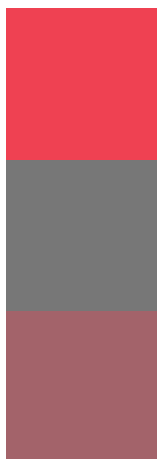
Deuteranomaly

27.1410, 21.0411, 9.4683

Tritanomaly

38.7808, 22.7416, 8.8241

Monochromacy



Original Color

39.0099, 22.7405, 10.3160

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

22.1676, 17.7508, 15.8936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0099, 22.7405, 10.3160 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, 65, 82)` looks like.

```
.text, #text, p{  
    color:rgb(239, 65, 82)  
}
```

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, 65, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 65, 82) }
```

Border

The CSS property to change the border of an element to XYZ 39.0099, 22.7405, 10.3160 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, 65, 82) }
```


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

```
.border{ border-color:rgb(239, 65, 82) }
```

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

Here you see how a box with a 4 pixel rgb(239, 65, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 65, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 65, 82);  
box-shadow:4px 4px 4px 4px rgb(239, 65,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0099, 22.7405, 10.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 65, 82) }
```

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

```
.background{ background-color: rgb(239, 65,  
82) }
```

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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