

Converting Colors

XYZ(38.0475, 22.8076, 10.9913)

Have a look what the booklet for
XYZ(38.0475, 22.8076, 10.9913)
contains.

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Color

**XYZ(38.1539, 22.8245,
10.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	EB4755
RGB	235, 71, 85
RGB Percent	92%, 28%, 33%
CMY	0.0784, 0.7215, 0.6667
CMYK	0.00, 0.70, 0.64, 0.08
HSL	355°, 80%, 60%
HSV	355°, 70%, 92%
XYZ	38.1539, 22.8245, 10.9890
YIQ	121.6320, 93.2500, 39.1220

Conversions

Conversions Part 2

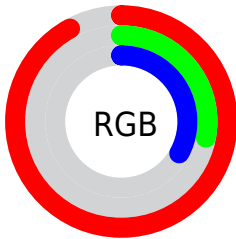
Format	Color
R_{YB}	235, 71, 85
Decimal	15419221
CIE _{Lab}	54.89, 63.27, 29.11
CIE _{LCh}	55, 69.649, 24.705
Yxy	22.8245, 0.5302, 0.3172
Android (android.graphics.Color)	4293609301 (0xFFEB4755)
YUV	121.6320, -18.0596, 99.4237
Hunter-Lab	47.7750, 58.9468, 19.8049

Details

The XYZ color **38.1539, 22.8245, 10.9890** 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 **45.3599, 65.9773, 78.7575**, and the grayscale version is **18.4157, 19.3748, 21.0991**.

A 20% lighter version of the original color is **53.4634, 38.7098, 27.5756**, and **17.3963, 8.9239, 2.8131** is the 20% darker color. If you saturate the color by 10%, you get **36.2092, 20.1008, 6.7485**, and if you desaturate by 10%, it is **40.9365, 26.8096, 16.7885**.

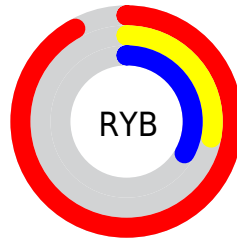
Distribution



Red (92%)

Green (28%)

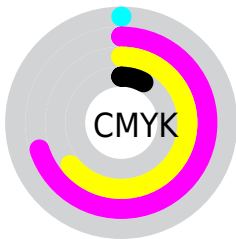
Blue (33%)



Red (92%)

Yellow (28%)

Blue (33%)

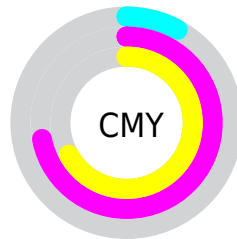


Cyan (0%)

Magenta (70%)

Yellow (64%)

Black (8%)



Cyan (8%)


Magenta (72%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.1539, 22.8245, 10.9890 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 38.1539, 22.8245, 10.9890 by changing the saturation by 10% instead.


 38.1539, 22.8245,
10.9890

 38.1539, 22.8245,
10.9890


329.5492,
266.8223, 208.3268


 26.2799, 14.4640,
5.9454


 71.6463, 48.1050,
28.2762


 17.1669, 8.4441,
2.7436


 93.9955, 65.7938,
41.3568


 10.4496, 4.3804,
0.9653


 120.5671, 87.3607,
57.9534

 5.7626, 1.8885,
0.0000

 151.7265,
113.1903, 78.4847

 2.7406, 0.5415,
0.0000

 187.8391,
143.6668, 103.3692

 1.0181, 0.0000,
0.0000

229.2701,

 0.0000, 0.0000,

179.1747, 133.0253

0.0000

276.3850,
220.0984, 167.8717

■ 38.1539, 22.8245,
10.9890

■ 38.1539, 22.8245,
10.9890

■ 36.2092, 20.1008,
6.7485

■ 40.9365, 26.8096,
16.7885

■ 35.0058, 18.4830,
3.9140

■ 44.6362, 32.1798,
24.2777


■ 34.3972, 17.7255,
2.2946


■ 49.3249, 39.0483,
33.5751


■ 34.3875, 17.7128,
2.2705

■ 55.0668, 47.5157,
44.7879

■ 61.9206, 57.6740,
58.0151

 69.9409, 69.6079,
73.3488

 79.1784, 83.3967,
90.8754

 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.



40.0711, 22.8245, 28.9827



38.1539, 22.8245, 10.9890



31.4435, 22.8245, 3.8037

Triad

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



38.1539, 22.8245, 10.9890



11.6992, 22.8245, 7.4999



20.3535, 22.8245, 95.6979

Complementary

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



38.1539, 22.8245, 10.9890



45.3599, 65.9773, 78.7575

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.



14.2021, 22.8245, 78.1545



38.1539, 22.8245, 10.9890



10.0218, 22.8245, 21.1337

Square

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



38.1539, 22.8245, 10.9890



16.0660, 22.8245, 2.7885



10.8154, 22.8245, 47.1724



28.5033, 22.8245, 86.8763

Rectangle

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



38.1539, 22.8245, 10.9890



25.8472, 22.8245, 2.2699



10.8154, 22.8245, 47.1724



18.0113, 22.8245, 92.4830

Sweetspot

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



38.1544, 22.8258, 10.9894



73.3745, 67.7005, 67.6045



46.3427, 25.5042, 81.0772



15.1967, 13.7363, 13.4911



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.



38.1544, 22.8258, 10.9894



42.8174, 23.1486, 6.3591



44.2883, 35.8967, 10.5576



15.1176, 15.0749, 15.9048



19.1572, 9.8656, 1.3633



1.5223, 0.7819, 0.2019

Inverse Universe

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



38.1544, 22.8258, 10.9894



42.8174, 23.1486, 6.3591



31.8579, 35.8646, 83.8404



15.1176, 15.0749, 15.9048



19.1572, 9.8656, 1.3633



1.5223, 0.7819, 0.2019

Previews

White Background



This preview shows how the XYZ color 38.1539, 22.8245, 10.9890 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 38.1539, 22.8245, 10.9890 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 38.1539, 22.8245, 10.9890

Background



This preview shows how black text looks on a background with the XYZ color 38.1539, 22.8245, 10.9890.



This preview shows how white text looks on a background with the XYZ color 38.1539, 22.8245,

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

38.1539, 22.8245, 10.9890

Protanopia

21.5782, 22.8474, 18.0245

Deuteranopia

23.2626, 22.9171, 10.0348



Tritanopia

37.9480, 22.9491, 9.2670

Trichromacy



Original Color

38.1539, 22.8245, 10.9890

Protanomaly

25.2732, 20.8755, 15.0093

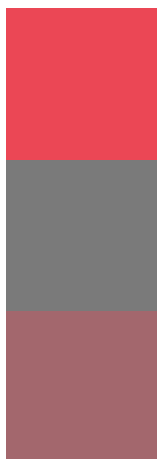
Deuteranomaly

27.0588, 21.4374, 10.1088

Tritanomaly

37.9896, 22.8614, 9.8076

Monochromacy



Original Color

38.1539, 22.8245, 10.9890

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

22.7148, 18.5912, 16.8592

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1539, 22.8245, 10.9890 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, 71, 85)` looks like.

```
.text, #text, p{  
  color:rgb(235, 71, 85)  
}
```

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, 71, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 71, 85) }
```

Border

The CSS property to change the border of an element to XYZ 38.1539, 22.8245, 10.9890 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, 71, 85) }
```


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

```
.border{ border-color:rgb(235, 71, 85) }
```

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

Here you see how a box with a 4 pixel rgb(235, 71, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 71, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 71, 85);  
box-shadow:4px 4px 4px 4px rgb(235, 71,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1539, 22.8245, 10.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 71, 85) }
```

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

```
.background{ background-color: rgb(235, 71,  
85) }
```

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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