

Converting Colors

XYZ(38.9167, 23.9217, 10.9537)

Have a look what the booklet for
XYZ(38.9167, 23.9217, 10.9537)
contains.

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Color

**XYZ(38.9167, 23.9217,
10.9537)**

Conversions

Conversions Part 1

Format	Color
Hex	EC4E54
RGB	236, 78, 84
RGB Percent	93%, 31%, 33%
CMY	0.0745, 0.6941, 0.6706
CMYK	0.00, 0.67, 0.64, 0.07
HSL	358°, 81%, 62%
HSV	358°, 67%, 93%
XYZ	38.9167, 23.9217, 10.9537
YIQ	125.9260, 92.2420, 35.3620

Conversions

Conversions Part 2

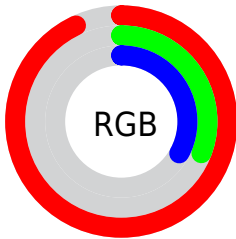
Format	Color
RYB	236, 78, 84
Decimal	15486548
CIELab	56.01, 60.90, 31.14
CIELCh	56, 68.394, 27.081
Yxy	23.9217, 0.5274, 0.3242
Android (android.graphics.Color)	4293676628 (0xFFEC4E54)
YUV	125.9260, -20.6695, 96.5349
Hunter-Lab	48.9098, 56.4372, 20.9585

Details

The XYZ color **38.9167, 23.9217, 10.9537** 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 **47.4222, 67.3244, 85.3649**, and the grayscale version is **19.8533, 20.8872, 22.7462**.

A 20% lighter version of the original color is **54.2070, 40.3092, 27.4777**, and **17.5998, 9.0307, 2.7349** is the 20% darker color. If you saturate the color by 10%, you get **36.7805, 20.8496, 6.5426**, and if you desaturate by 10%, it is **41.9434, 28.3144, 17.0834**.

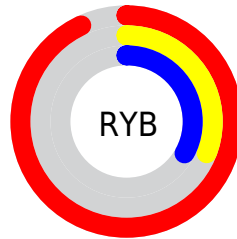
Distribution



Red (93%)

Green (31%)

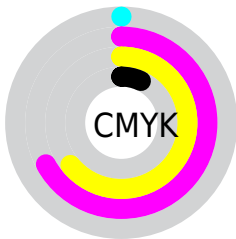
Blue (33%)



Red (93%)

Yellow (31%)

Blue (33%)

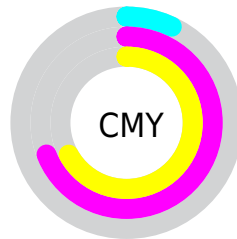


Cyan (0%)

Magenta (67%)

Yellow (64%)

Black (7%)



Cyan (7%)


Magenta (69%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9167, 23.9217, 10.9537 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 38.9167, 23.9217, 10.9537 by changing the saturation by 10% instead.


 38.9167, 23.9217,
10.9537


 38.9167, 23.9217,
10.9537

332.7495,
272.4244, 208.0757


 26.8754, 15.2755,
5.9219


 72.8059, 49.9024,
28.2099

 17.6157, 9.0130,
2.7296


 95.3845, 68.0057,
41.2713


 10.7725, 4.7497,
0.9583


 122.2063, 90.0302,
57.8464

 5.9802, 2.1011,
0.0000

 153.6365,
116.3603, 78.3538

 2.8736, 0.6653,
0.0000

 190.0406,
147.3804, 103.2118

 1.0873, 0.0000,
0.0000

231.7839,

 0.0144, 0.0000,

183.4748, 132.8391

0.0000

279.2317,
225.0280, 167.6542

■ 0.0000, 0.0000,
0.0000

■ 38.9167, 23.9217,
10.9537

■ 38.9167, 23.9217,
10.9537

■ 36.7805, 20.8496,
6.5426

■ 41.9434, 28.3144,
17.0834

■ 35.4364, 18.9466,
3.6734

■ 45.9419, 34.1491,
25.0824


■ 34.7628, 18.0264,
2.1330


■ 50.9863, 41.5383,
35.0860


■ 34.6409, 17.8524,
1.8770

■ 57.1428, 50.5822,
47.2169

■ 64.4725, 61.3724,
61.5879

 73.0317, 73.9941,
78.3038

 82.8733, 88.5267,
97.4630

 88.4019, 96.5728,
108.5889

Harmonies

Analogous

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



41.2936, 23.9217, 28.3007



38.9167, 23.9217, 10.9537



31.9224, 23.9217, 4.0462

Triad

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



38.9167, 23.9217, 10.9537



12.3096, 23.9217, 8.9578



21.9800, 23.9217, 97.0263

Complementary

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



38.9167, 23.9217, 10.9537



47.4222, 67.3244, 85.3649

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.



15.5077, 23.9217, 81.4670



38.9167, 23.9217, 10.9537



10.7870, 23.9217, 23.9156

Square

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



38.9167, 23.9217, 10.9537



16.5577, 23.9217, 3.4452



11.8082, 23.9217, 50.9690



30.2889, 23.9217, 86.2455

Rectangle

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



38.9167, 23.9217, 10.9537



26.2655, 23.9217, 2.5862



11.8082, 23.9217, 50.9690



19.5393, 23.9217, 94.5633

Sweetspot

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



38.9173, 23.9231, 10.9541



73.9654, 68.8987, 67.7508



49.8920, 28.0166, 82.1347



15.3000, 13.9644, 13.4592



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.



38.9173, 23.9231, 10.9541



43.2064, 23.9407, 6.4456



46.7315, 39.9112, 12.4502



15.0886, 15.0633, 15.7520



19.1054, 9.8448, 1.0904



1.5084, 0.7763, 0.1287

Inverse Universe

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



38.9173, 23.9231, 10.9541



43.2064, 23.9407, 6.4456



31.7208, 34.5519, 84.3538



15.0886, 15.0633, 15.7520



19.1054, 9.8448, 1.0904



1.5084, 0.7763, 0.1287

Previews

White Background



This preview shows how the XYZ color 38.9167, 23.9217, 10.9537 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 38.9167, 23.9217, 10.9537 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 38.9167, 23.9217, 10.9537

Background



This preview shows how black text looks on a background with the XYZ color 38.9167, 23.9217, 10.9537.



This preview shows how white text looks on a background with the XYZ color 38.9167, 23.9217,

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

38.9167, 23.9217, 10.9537

Protanopia

22.5066, 23.9514, 17.3468

Deuteranopia

24.3335, 23.8527, 10.1590



Tritanopia

38.8778, 23.9062, 10.7489

Trichromacy



Original Color

38.9167, 23.9217, 10.9537

Protanomaly

26.4009, 22.2826, 14.7139

Deuteranomaly

28.2224, 22.6635, 10.2841

Tritanomaly

38.8778, 23.9062, 10.7489

Monochromacy



Original Color

38.9167, 23.9217, 10.9537

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

24.0638, 20.1920, 17.6681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9167, 23.9217, 10.9537 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(236, 78, 84)` looks like.

```
.text, #text, p{  
    color:rgb(236, 78, 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(236, 78, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 78, 84) }
```

Border

The CSS property to change the border of an element to XYZ 38.9167, 23.9217, 10.9537 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(236, 78, 84) }
```


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

```
.border{ border-color:rgb(236, 78, 84) }
```

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

Here you see how a box with a 4 pixel rgb(236, 78, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 78, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 78, 84);  
box-shadow:4px 4px 4px 4px rgb(236, 78,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9167, 23.9217, 10.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 78, 84) }
```

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

```
.background{ background-color: rgb(236, 78,  
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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