

Converting Colors

XYZ(38.7652, 23.4694, 13.3658)

Have a look what the booklet for
XYZ(38.7652, 23.4694, 13.3658)
contains.

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Color

**XYZ(38.8426, 23.5205,
13.3192)**

Conversions

Conversions Part 1

Format	Color
Hex	EB4B5F
RGB	235, 75, 95
RGB Percent	92%, 29%, 37%
CMY	0.0784, 0.7058, 0.6274
CMYK	0.00, 0.68, 0.60, 0.08
HSL	353°, 80%, 61%
HSV	353°, 68%, 92%
XYZ	38.8426, 23.5205, 13.3192
YIQ	125.1200, 88.9400, 40.1400

Conversions

Conversions Part 2

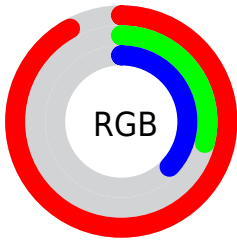
Format	Color
RYB	235, 75, 95
Decimal	15420255
CIELab	55.60, 62.41, 24.17
CIELCh	56, 66.924, 21.175
Yxy	23.5205, 0.5132, 0.3108
Android (android.graphics.Color)	4293610335 (0xFFEB4B5F)
YUV	125.1200, -14.8492, 96.3648
Hunter-Lab	48.4979, 58.0915, 17.6655

Details

The XYZ color **38.8426, 23.5205, 13.3192** 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 **44.8775, 65.8194, 74.6350**, and the grayscale version is **19.5621, 20.5808, 22.4125**.

A 20% lighter version of the original color is **54.7384, 40.0794, 31.6391**, and **17.7880, 9.1060, 3.7258** is the 20% darker color. If you saturate the color by 10%, you get **36.7179, 20.5749, 8.5922**, and if you desaturate by 10%, it is **41.8035, 27.7440, 19.5423**.

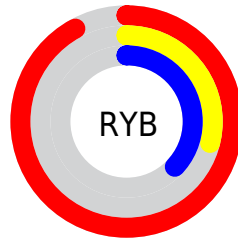
Distribution



Red (92%)

Green (29%)

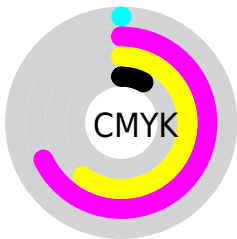
Blue (37%)



Red (92%)

Yellow (29%)

Blue (37%)

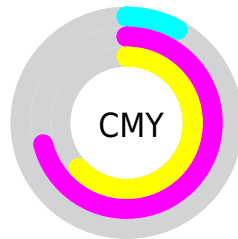


Cyan (0%)

Magenta (68%)

Yellow (60%)

Black (8%)



Cyan (8%)


Magenta (71%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.8426, 23.5205, 13.3192 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 38.8426, 23.5205, 13.3192 by changing the saturation by 10% instead.


 38.8426, 23.5205,
13.3192


 38.8426, 23.5205,
13.3192


332.4395,
270.3872, 224.2326


 26.8175, 14.9783,
7.5154


 72.6934, 49.2466,
32.5756


 17.5721, 8.8042,
3.7032


 95.2498, 67.1993,
46.8653


 10.7410, 4.6137,
1.4640


 122.0474, 89.0576,
64.8207

 5.9590, 2.0224,
0.1909

 153.4514,
115.2059, 86.8604

 2.8606, 0.6205,
0.0000

 189.8273,
146.0286, 113.4029

 1.0805, 0.0000,
0.0000

231.5403,

 0.0087, 0.0000,

181.9102, 144.8667

0.0000

278.9560,
223.2349, 181.6704

■ 0.0000, 0.0000,
0.0000

■ 38.8426, 23.5205,
13.3192

■ 38.8426, 23.5205,
13.3192

■ 36.7179, 20.5749,
8.5922

■ 41.8035, 27.7440,
19.5423

■ 35.3392, 18.7582,
5.2326

■ 45.6746, 33.3648,
27.3730


■ 34.5886, 17.8716,
3.0882


■ 50.5238, 40.4929,
36.9135


■ 34.4871, 17.7526,
2.7950

■ 56.4119, 49.2262,
48.2569

■ 63.3948, 59.6545,
61.4898

 71.5242, 71.8608,
76.6932

 80.8488, 85.9228,
93.9432

 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.



40.0247, 23.5205, 32.5453



38.8426, 23.5205, 13.3192



32.7683, 23.5205, 4.9370

Triad

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



38.8426, 23.5205, 13.3192



12.8322, 23.5205, 7.3675



20.1979, 23.5205, 92.7468

Complementary

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



38.8426, 23.5205, 13.3192



44.8775, 65.8194, 74.6350

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.



14.4216, 23.5205, 73.6885



38.8426, 23.5205, 13.3192



10.8445, 23.5205, 19.7371

Square

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



38.8426, 23.5205, 13.3192



17.5032, 23.5205, 3.0970



11.3521, 23.5205, 43.7921



28.0307, 23.5205, 87.3847

Rectangle

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



38.8426, 23.5205, 13.3192



27.3840, 23.5205, 2.9563



11.3521, 23.5205, 43.7921



17.9837, 23.5205, 88.7157

Sweetspot

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



38.8432, 23.5218, 13.3196



74.5122, 69.1175, 70.6302



45.1467, 25.2778, 81.0966



15.4280, 14.0156, 14.1331



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.



38.8432, 23.5218, 13.3196



43.3837, 23.6744, 8.4186



44.0111, 35.1301, 11.1196



15.1420, 15.0847, 16.0333



19.2187, 9.8902, 1.6870



1.5339, 0.7865, 0.2631

Inverse Universe

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



38.8432, 23.5218, 13.3196



43.3837, 23.6744, 8.4186



33.4892, 38.6773, 84.2973



15.1420, 15.0847, 16.0333



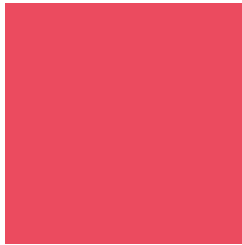
19.2187, 9.8902, 1.6870



1.5339, 0.7865, 0.2631

Previews

White Background



This preview shows how the XYZ color 38.8426, 23.5205, 13.3192 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 38.8426, 23.5205, 13.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

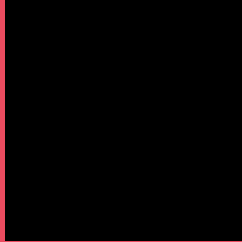
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8426, 23.5205, 13.3192

Background



This preview shows how black text looks on a background with the XYZ color 38.8426, 23.5205, 13.3192.



This preview shows how white text looks on a background with the XYZ color 38.8426, 23.5205,

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

38.8426, 23.5205, 13.3192

Protanopia

22.4862, 23.6445, 21.4679

Deuteranopia

24.1374, 23.7035, 12.3199



Tritanopia

38.1086, 23.4094, 10.4926

Trichromacy



Original Color

38.8426, 23.5205, 13.3192

Protanomaly

26.1744, 21.7569, 18.1492

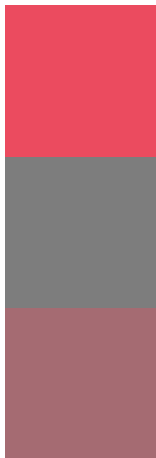
Deuteranomaly

28.0531, 22.3668, 12.5115

Tritanomaly

38.2364, 23.3494, 11.5084

Monochromacy



Original Color

38.8426, 23.5205, 13.3192

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

23.8120, 19.7296, 18.4728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8426, 23.5205, 13.3192 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, 75, 95)` looks like.

```
.text, #text, p{  
    color:rgb(235, 75, 95)  
}
```

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, 75, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 75, 95) }
```

Border

The CSS property to change the border of an element to XYZ 38.8426, 23.5205, 13.3192 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, 75, 95) }
```


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

```
.border{ border-color:rgb(235, 75, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 75, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 75, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 75, 95);  
box-shadow:4px 4px 4px 4px rgb(235, 75,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8426, 23.5205, 13.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 75, 95) }
```

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

```
.background{ background-color: rgb(235, 75,  
95) }
```

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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