

Converting Colors

XYZ(38.9577, 21.6102, 6.8205)

Have a look what the booklet for
XYZ(38.9577, 21.6102, 6.8205)
contains.

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Color

**XYZ(38.9577, 21.6102,
6.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	F3313F
RGB	243, 49, 63
RGB Percent	95%, 19%, 25%
CMY	0.0471, 0.8078, 0.7529
CMYK	0.00, 0.80, 0.74, 0.05
HSL	356°, 89%, 57%
HSV	356°, 80%, 95%
XYZ	38.9577, 21.6102, 6.8205
YIQ	108.6020, 111.1300, 45.4820

Conversions

Conversions Part 2

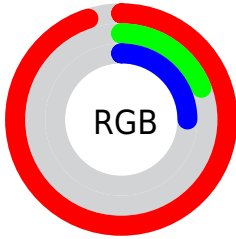
Format	Color
R_{YB}	243, 49, 63
Decimal	15937855
CIE _{Lab}	53.61, 71.36, 40.59
CIE _{LCh}	54, 82.099, 29.630
Yxy	21.6102, 0.5781, 0.3207
Android (android.graphics.Color)	4294127935 (0xFFFF3313F)
YUV	108.6020, -22.4818, 117.8670
Hunter-Lab	46.4868, 68.2380, 23.8418

Details

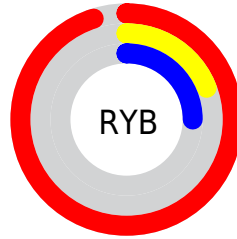
The XYZ color **38.9577, 21.6102, 6.8205** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **47.4630, 70.4122, 85.2298**, and the grayscale version is **14.4648, 15.2181, 16.5725**.

A 20% lighter version of the original color is **50.1266, 34.4423, 19.0450**, and **18.4864, 9.5155, 1.5242** is the 20% darker color. If you saturate the color by 10%, you get **37.6943, 19.8941, 3.9013**, and if you desaturate by 10%, it is **41.0270, 24.5261, 11.2807**.

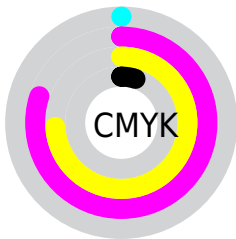
Distribution



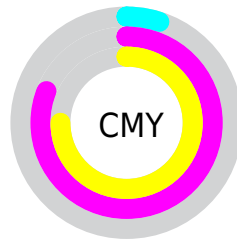
- Red (95%)
- Green (19%)
- Blue (25%)



- Red (95%)
- Yellow (19%)
- Blue (25%)



- Cyan (0%)
- Magenta (80%)
- Yellow (74%)
- Black (5%)





- Cyan (5%)
- Magenta (81%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9577, 21.6102, 6.8205 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 38.9577, 21.6102, 6.8205 by changing the saturation by 10% instead.


 38.9577, 21.6102,
6.8205


 38.9577, 21.6102,
6.8205


332.9209,
260.5038, 175.7377


 26.9074, 13.5708,
3.2734


 72.8682, 46.1009,
20.1179

 17.6399, 7.8227,
1.2359


 95.4591, 63.3209,
30.7052

 10.7899, 3.9817,
0.0083


 122.2942, 84.3700,
44.4763

 5.9920, 1.6633,
0.0000

 153.7389,
109.6324, 61.8497

 2.8808, 0.3998,
0.0000

 190.1586,
139.4926, 83.2440

 1.0911, 0.0000,
0.0000

 231.9186,

 0.0176, 0.0000,

174.3350, 109.0778

0.0000

279.3842,
214.5439, 139.7695

■ 0.0000, 0.0000,
0.0000

■ 38.9577, 21.6102,
6.8205

■ 38.9577, 21.6102,
6.8205

■ 37.6943, 19.8941,
3.9013

■ 41.0270, 24.5261,
11.2807

■ 37.0749, 19.1070,
2.3021


■ 44.0058, 28.8032,
17.4547


■ 37.0672, 19.0967,
2.2841


■ 47.9840, 34.5823,
25.4929


■ 53.0401, 41.9856,
35.5294

■ 59.2447, 51.1226,
47.6856

 66.6626, 62.0933,
62.0734

 75.3535, 74.9904,
78.7967

 85.3735, 89.8999,
97.9532

 90.7719, 97.7946,
108.6998

Harmonies

Analogous

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



42.4339, 21.6102, 23.8433



38.9577, 21.6102, 6.8205



30.2979, 21.6102, 1.6195

Triad

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



38.9577, 21.6102, 6.8205



9.1569, 21.6102, 6.5865



20.4311, 21.6102, 112.3766

Complementary

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



38.9577, 21.6102, 6.8205



47.4630, 70.4122, 85.2298

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.



13.1403, 21.6102, 94.6155



38.9577, 21.6102, 6.8205



7.8722, 21.6102, 23.2192

Square

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



38.9577, 21.6102, 6.8205



13.2809, 21.6102, 1.5677



9.0935, 21.6102, 56.3863



30.0540, 21.6102, 95.4068

Rectangle

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



38.9577, 21.6102, 6.8205



23.7268, 21.6102, 0.8162



9.0935, 21.6102, 56.3863



17.6519, 21.6102, 110.1573

Sweetspot

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



38.9582, 21.6115, 6.8208



70.7048, 63.8416, 62.1503



48.9029, 24.9730, 87.0363



14.5119, 12.7454, 12.0954



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.



38.9582, 21.6115, 6.8208



41.5585, 21.5645, 3.0610



45.4784, 35.2000, 7.3049



16.5476, 16.5019, 17.3642



20.3615, 10.4881, 1.3463



1.8061, 0.9284, 0.2054

Inverse Universe

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



38.9582, 21.6115, 6.8208



41.5585, 21.5645, 3.0610



30.3959, 33.0262, 89.5662



16.5476, 16.5019, 17.3642



20.3615, 10.4881, 1.3463



1.8061, 0.9284, 0.2054

Previews

White Background



This preview shows how the XYZ color 38.9577, 21.6102, 6.8205 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 38.9577, 21.6102, 6.8205 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 38.9577, 21.6102, 6.8205

Background



This preview shows how black text looks on a background with the XYZ color 38.9577, 21.6102, 6.8205.



This preview shows how white text looks on a background with the XYZ color 38.9577, 21.6102,

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

38.9577, 21.6102, 6.8205

Protanopia

20.1698, 21.6486, 12.5667

Deuteranopia

22.0543, 21.6317, 6.1449



Tritanopia

38.7435, 21.6614, 5.2710

Trichromacy



Original Color

38.9577, 21.6102, 6.8205

Protanomaly

24.0413, 18.8500, 9.9607

Deuteranomaly

26.0170, 19.4074, 5.9892

Tritanomaly

38.7923, 21.6117, 5.7413

Monochromacy



Original Color

38.9577, 21.6102, 6.8205

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

19.4405, 14.8582, 11.9685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9577, 21.6102, 6.8205 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(243, 49, 63)` looks like.

```
.text, #text, p{  
    color:rgb(243, 49, 63)  
}
```

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(243, 49, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 49, 63) }
```

Border

The CSS property to change the border of an element to XYZ 38.9577, 21.6102, 6.8205 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(243, 49, 63) }
```


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

```
.border{ border-color:rgb(243, 49, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 49, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 49, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 49, 63);  
box-shadow:4px 4px 4px 4px rgb(243, 49,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9577, 21.6102, 6.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 49, 63) }
```

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

```
.background{ background-color: rgb(243, 49,  
63) }
```

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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