

Converting Colors

XYZ(39.0912, 20.1443, 6.4293)

Have a look what the booklet for
XYZ(39.0912, 20.1443, 6.4293)
contains.

XYZ(38.9407, 20.0709, 6.3791)	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(38.9407, 20.0709,
6.3791)**

Conversions

Conversions Part 1

Format	Color
Hex	F6063E
RGB	246, 6, 62
RGB Percent	96%, 2%, 24%
CMY	0.0353, 0.9762, 0.7569
CMYK	0.00, 0.98, 0.75, 0.04
HSL	346°, 95%, 49%
HSV	346°, 98%, 96%
XYZ	38.9407, 20.0709, 6.3791
YIQ	84.1440, 125.0640, 68.2960

Conversions

Conversions Part 2

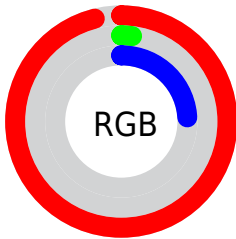
Format	Color
RYB	246, 6, 62
Decimal	16123454
CIELab	51.92, 78.61, 39.42
CIElCh	52, 87.941, 26.633
Yxy	20.0709, 0.5955, 0.3069
Android (android.graphics.Color)	4294313534 (0xFFFF6063E)
YUV	84.1440, -10.9170, 141.9477
Hunter-Lab	44.8006, 76.7514, 22.9182

Details

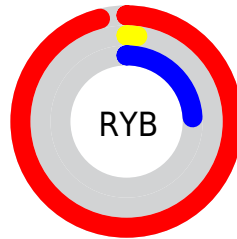
The XYZ color **38.9407, 20.0709, 6.3791** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **42.3327, 69.6708, 59.9684**, and the grayscale version is **8.4676, 8.9086, 9.7015**.

A 20% lighter version of the original color is **48.3292, 30.9352, 18.1757**, and **18.9487, 9.7538, 1.5458** is the 20% darker color. If you saturate the color by 10%, you get **38.7531, 19.8916, 5.7137**, and if you desaturate by 10%, it is **39.9672, 21.1473, 9.7335**.

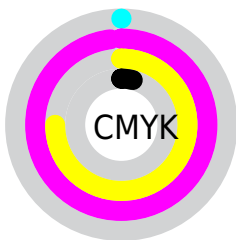
Distribution



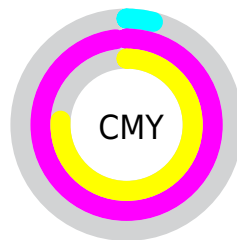
- Red (96%)
- Green (2%)
- Blue (24%)



- Red (96%)
- Yellow (2%)
- Blue (24%)



- Cyan (0%)
- Magenta (98%)
- Yellow (75%)
- Black (4%)




- Cyan (4%)
- Magenta (98%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9407, 20.0709, 6.3791 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 38.9407, 20.0709, 6.3791 by changing the saturation by 10% instead.


 38.9407, 20.0709,
6.3791


 38.9407, 20.0709,
6.3791


332.8498,
252.2987, 171.8302

 26.8941, 12.4466,
3.0044


 72.8424, 43.5360,
19.2039

 17.6299, 7.0486,
1.0969


 95.4282, 60.1456,
29.4911


 10.7827, 3.4925,
0.0000


 122.2577, 80.5191,
42.9196

 5.9871, 1.3939,
0.0000

 153.6965,
105.0409, 59.9080

 2.8778, 0.2123,
0.0000

 190.1097,
134.0953, 80.8746

 1.0895, 0.0000,
0.0000

 231.8627,

 0.0163, 0.0000,

168.0669, 106.2382

0.0000

279.3210,
207.3398, 136.4172

■ 0.0000, 0.0000,
0.0000

■ 38.9407, 20.0709,
6.3791

■ 38.9407, 20.0709,
6.3791

■ 38.7531, 19.8916,
5.7137

■ 39.9672, 21.1473,
9.7335

■ 41.6718, 23.2652,
14.2826

■ 44.1701, 26.6324,
20.1382

■ 47.5515, 31.4065,
27.3962

■ 51.8929, 37.7215,
36.1430

■ 57.2627, 45.6959,
46.4576

■ 63.7227, 55.4363,
58.4132

■ 71.3298, 67.0405,
72.0784

■ 80.1370, 80.5992,
87.5176

Harmonies

Analogous

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



41.9001, 20.0709, 24.8753



38.9407, 20.0709, 6.3791



30.1808, 20.0709, 1.1323

Triad

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



38.9407, 20.0709, 6.3791



8.0197, 20.0709, 4.4190



18.0847, 20.0709, 117.0626

Complementary

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



38.9407, 20.0709, 6.3791



42.3327, 69.6708, 59.9684

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.



11.0974, 20.0709, 94.1570



38.9407, 20.0709, 6.3791



6.5467, 20.0709, 19.0874

Square

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



38.9407, 20.0709, 6.3791



12.3614, 20.0709, 0.7622



7.4662, 20.0709, 52.1889



27.8677, 20.0709, 102.0241

Rectangle

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



38.9407, 20.0709, 6.3791



23.3339, 20.0709, 0.2765



7.4662, 20.0709, 52.1889



15.3718, 20.0709, 113.2805

Sweetspot

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



38.9411, 20.0722, 6.3794



68.0006, 58.4187, 61.2935



37.9391, 17.7345, 88.6117



13.8989, 11.5132, 11.9104



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.



38.9411, 20.0722, 6.3794



42.0411, 21.5804, 6.1485



40.2322, 23.9922, 2.6847



16.6574, 16.5458, 17.9425



20.7295, 10.6352, 3.2841



1.8600, 0.9500, 0.4893

Inverse Universe

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



38.9411, 20.0722, 6.3794



42.0411, 21.5804, 6.1485



33.4418, 40.1557, 93.1765



16.6574, 16.5458, 17.9425



20.7295, 10.6352, 3.2841



1.8600, 0.9500, 0.4893

Previews

White Background



This preview shows how the XYZ color 38.9407, 20.0709, 6.3791 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 38.9407, 20.0709, 6.3791 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 38.9407, 20.0709, 6.3791

Background



This preview shows how black text looks on a background with the XYZ color 38.9407, 20.0709, 6.3791.



This preview shows how white text looks on a background with the XYZ color 38.9407, 20.0709,

6.3791.

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

38.9407, 20.0709, 6.3791

Protanopia

19.1409, 20.5259, 13.3090

Deuteranopia

20.8406, 20.4750, 5.6500



Tritanopia

38.1268, 20.1917, 2.4182

Trichromacy



Original Color

38.9407, 20.0709, 6.3791



Protanomaly

22.2195, 15.7577, 9.8531



Deuteranomaly

24.3533, 16.5246, 5.2742



Tritanomaly

38.1636, 19.9880, 3.2855

Monochromacy



Original Color

38.9407, 20.0709, 6.3791



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

14.0464, 9.1898, 7.8710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9407, 20.0709, 6.3791 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(246, 6, 62)` looks like.

```
.text, #text, p{  
    color:rgb(246, 6, 62)  
}
```

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(246, 6, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 6, 62) }
```

Border

The CSS property to change the border of an element to XYZ 38.9407, 20.0709, 6.3791 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(246, 6, 62) }
```


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

```
.border{ border-color:rgb(246, 6, 62) }
```

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

Here you see how a box with a 4 pixel rgb(246, 6, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 6, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 6, 62);  
box-shadow:4px 4px 4px 4px rgb(246, 6, 62)  
}
```

Background

The CSS property to change the background color of an element to XYZ 38.9407, 20.0709, 6.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 6, 62) }
```

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

```
.background{ background-color: rgb(246, 6,  
62) }
```

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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