

Converting Colors

XYZ(39.3663, 20.6803, 3.5963)

Have a look what the booklet for
XYZ(39.3663, 20.6803, 3.5963)
contains.

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Color

**XYZ(39.3167, 20.6577,
3.5842)**

Conversions

Conversions Part 1

Format	Color
Hex	F81624
RGB	248, 22, 36
RGB Percent	97%, 9%, 14%
CMY	0.0275, 0.9136, 0.8588
CMYK	0.00, 0.91, 0.85, 0.03
HSL	356°, 94%, 53%
HSV	356°, 91%, 97%
XYZ	39.3167, 20.6577, 3.5842
YIQ	91.1700, 130.2020, 52.2660

Conversions

Conversions Part 2

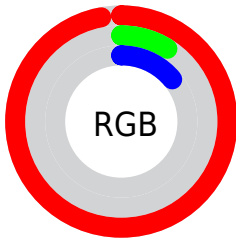
Format	Color
R_{YB}	248, 22, 36
Decimal	16258596
CIE Lab	52.57, 76.98, 54.13
CIE LCh	53, 94.104, 35.116
Yxy	20.6577, 0.6186, 0.3250
Android (android.graphics.Color)	4294448676 (0xFFFF81624)
YUV	91.1700, -27.1988, 137.5399
Hunter-Lab	45.4507, 74.8708, 27.1400

Details

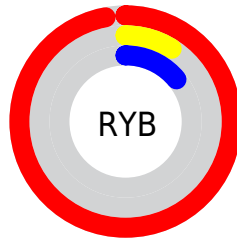
The XYZ color **39.3167, 20.6577, 3.5842** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **48.7557, 73.2479, 89.4398**, and the grayscale version is **10.0267, 10.5489, 11.4877**.

A 20% lighter version of the original color is **47.4939, 31.2075, 11.9079**, and **19.2914, 9.9451, 0.9028** is the 20% darker color. If you saturate the color by 10%, you get **38.7995, 19.9917, 2.2779**, and if you desaturate by 10%, it is **40.5176, 22.2951, 6.3422**.

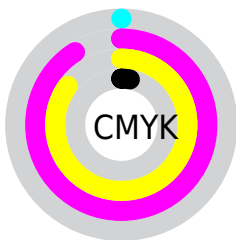
Distribution



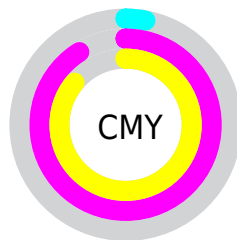
- Red (97%)
- Green (9%)
- Blue (14%)



- Red (97%)
- Yellow (9%)
- Blue (14%)



- Cyan (0%)
- Magenta (91%)
- Yellow (85%)
- Black (3%)





- Cyan (3%)
- Magenta (91%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3167, 20.6577, 3.5842 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 39.3167, 20.6577, 3.5842 by changing the saturation by 10% instead.


 39.3167, 20.6577,
3.5842


 39.3167, 20.6577,
3.5842

334.4191,
255.4537, 143.4851


 27.1880, 12.8740,
1.4001


 73.4129, 44.5172,
13.0388

 17.8518, 7.3419,
0.1418


 96.1110, 61.3617,
21.1465


 10.9427, 3.6768,
0.0000


 123.0631, 81.9954,
32.0658

 6.0953, 1.4945,
0.0000

 154.6344,
106.8025, 46.2152

 2.9443, 0.2848,
0.0000

 191.1903,
136.1675, 64.0133


 1.1244, 0.0000,
0.0000

 233.0962,


 0.0454, 0.0000,


170.4748, 85.8786


0.0000


 280.7173,
210.1087, 112.2297


 0.0000, 0.0000,
0.0000


 39.3167, 20.6577,
3.5842


 39.3167, 20.6577,
3.5842


 38.7995, 19.9917,
2.2779

 40.5176, 22.2951,
6.3422

 42.5487, 25.1620,
10.7043

 45.5255, 29.4391,
16.8652

 49.5448, 35.2764,
24.9916

 54.6914, 42.8046,
35.2313

■ 61.0414, 52.1408,
47.7178

■ 68.6641, 63.3917,
62.5735

■ 77.6238, 76.6555,
79.9123

■ 87.9802, 92.0240,
99.8404

Harmonies

Analogous

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



44.8628, 20.6577, 18.0354



39.3167, 20.6577, 3.5842



28.6301, 20.6577, 0.3688

Triad

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



39.3167, 20.6577, 3.5842



7.0625, 20.6577, 6.6170



21.3547, 20.6577, 129.6043

Complementary

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



39.3167, 20.6577, 3.5842



48.7557, 73.2479, 89.4398

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.



12.7533, 20.6577, 114.8629



39.3167, 20.6577, 3.5842



6.2528, 20.6577, 27.6299

Square

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



39.3167, 20.6577, 3.5842



10.7019, 20.6577, 0.9555



7.9425, 20.6577, 69.6921



32.5185, 20.6577, 101.2380

Rectangle

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



39.3167, 20.6577, 3.5842



21.2749, 20.6577, 0.0000



7.9425, 20.6577, 69.6921



18.0807, 20.6577, 129.6652

Sweetspot

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



39.3171, 20.6590, 3.5845



68.1690, 60.1764, 56.9691



50.8138, 24.6653, 90.8887



14.0235, 12.0434, 11.0853



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.



39.3171, 20.6590, 3.5845



41.3317, 21.2967, 2.4129



45.5674, 33.4367, 4.8134



17.2881, 17.2426, 18.1068



20.9762, 10.8062, 1.3172



1.9575, 1.0067, 0.1997

Inverse Universe

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



39.3171, 20.6590, 3.5845



41.3317, 21.2967, 2.4129



28.1946, 28.7877, 92.8766



17.2881, 17.2426, 18.1068



20.9762, 10.8062, 1.3172



1.9575, 1.0067, 0.1997

Previews

White Background



This preview shows how the XYZ color 39.3167, 20.6577, 3.5842 looks on a white background.

Color Contrast Check

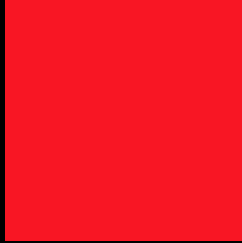
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3167, 20.6577, 3.5842 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 39.3167, 20.6577, 3.5842

Background



This preview shows how black text looks on a background with the XYZ color 39.3167, 20.6577, 3.5842.



This preview shows how white text looks on a background with the XYZ color 39.3167, 20.6577,

3.5842.

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

39.3167, 20.6577, 3.5842

Protanopia

19.0655, 20.8129, 7.1501

Deuteranopia

21.2137, 20.9065, 2.9173



Tritanopia

39.1526, 20.6891, 2.4200

Trichromacy



Original Color

39.3167, 20.6577, 3.5842

Protanomaly

22.6777, 16.8022, 5.1799

Deuteranomaly

24.9812, 17.5762, 2.4567

Tritanomaly

39.1927, 20.6716, 2.7349

Monochromacy



Original Color

39.3167, 20.6577, 3.5842

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

15.2983, 10.6473, 7.2101

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3167, 20.6577, 3.5842 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(248, 22, 36)` looks like.

```
.text, #text, p{  
  color:rgb(248, 22, 36)  
}
```

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(248, 22, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 22, 36) }
```

Border

The CSS property to change the border of an element to XYZ 39.3167, 20.6577, 3.5842 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(248, 22, 36) }
```


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

```
.border{ border-color:rgb(248, 22, 36) }
```

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

Here you see how a box with a 4 pixel rgb(248, 22, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 22, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 22, 36);  
box-shadow:4px 4px 4px 4px rgb(248, 22,  
36) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3167, 20.6577, 3.5842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 22, 36) }
```

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

```
.background{ background-color: rgb(248, 22,  
36) }
```

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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