

Converting Colors

XYZ(39.0439, 20.1547, 5.0925)

Have a look what the booklet for
XYZ(39.0439, 20.1547, 5.0925)
contains.

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Color

**XYZ(39.0427, 20.1523,
5.0808)**

Conversions

Conversions Part 1

Format	Color
Hex	F70634
RGB	247, 6, 52
RGB Percent	97%, 2%, 20%
CMY	0.0314, 0.9762, 0.7961
CMYK	0.00, 0.98, 0.79, 0.03
HSL	349°, 95%, 50%
HSV	349°, 98%, 97%
XYZ	39.0427, 20.1523, 5.0808
YIQ	83.3030, 128.8700, 65.3980

Conversions

Conversions Part 2

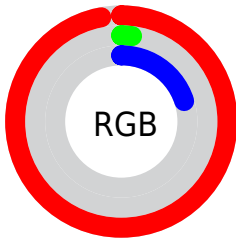
Format	Color
R_{YB}	247, 6, 52
Decimal	16188980
CIE _{Lab}	52.01, 78.54, 45.25
CIE _{LCh}	52, 90.643, 29.950
Yxy	20.1523, 0.6074, 0.3135
Android (android.graphics.Color)	4294379060 (0xFFFF70634)
YUV	83.3030, -15.4324, 143.5623
Hunter-Lab	44.8913, 76.6845, 24.7135

Details

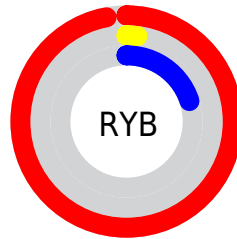
The XYZ color **39.0427, 20.1523, 5.0808** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **43.8865, 70.7802, 66.6462**, and the grayscale version is **8.3030, 8.7354, 9.5128**.

A 20% lighter version of the original color is **47.7668, 30.7102, 15.2145**, and **19.1054, 9.8435, 1.1515** is the 20% darker color. If you saturate the color by 10%, you get **38.8724, 19.9800, 4.5068**, and if you desaturate by 10%, it is **40.0107, 21.2095, 8.1144**.

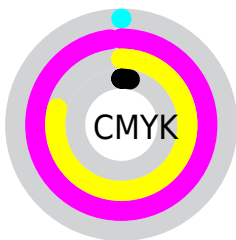
Distribution



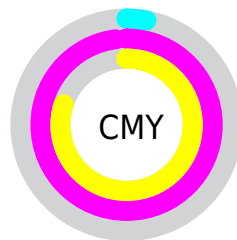
- Red (97%)
- Green (2%)
- Blue (20%)



- Red (97%)
- Yellow (2%)
- Blue (20%)



- Cyan (0%)
- Magenta (98%)
- Yellow (79%)
- Black (3%)





- Cyan (3%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0427, 20.1523, 5.0808 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 39.0427, 20.1523, 5.0808 by changing the saturation by 10% instead.

 39.0427, 20.1523,
5.0808

 39.0427, 20.1523,
5.0808

333.2760,
252.7384, 159.5722


 26.9738, 12.5058,
2.2352


 72.9972, 43.6724,
16.4343


 17.6900, 7.0891,
0.6946


 95.6135, 60.3147,
25.7793

 10.8260, 3.5179,
0.0000


 122.4764, 80.7245,
38.1278

 6.0164, 1.4077,
0.0000

 153.9511,
105.2861, 53.8984

 2.8958, 0.2224,
0.0000

 190.4031,
134.3839, 73.5096

 1.0989, 0.0000,
0.0000

 232.1977,

 0.0242, 0.0000,

168.4023, 97.3799

0.0000

279.7002,
207.7257, 125.9280

■ 0.0000, 0.0000,
0.0000

■ 39.0427, 20.1523,
5.0808

■ 39.0427, 20.1523,
5.0808

■ 38.8724, 19.9800,
4.5068

■ 40.0107, 21.2095,
8.1144

■ 41.6768, 23.3231,
12.4262

■ 44.1612, 26.7046,
18.1481

■ 47.5575, 31.5144,
25.3929

■ 51.9459, 37.8890,
34.2613

■ 57.3977, 45.9488,
44.8456

■ 63.9775, 55.8025,
57.2305

■ 71.7448, 67.5497,
71.4953

■ 80.7546, 81.2825,
87.7146

Harmonies

Analogous

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



42.9827, 20.1523, 21.9868



39.0427, 20.1523, 5.0808



29.5004, 20.1523, 0.7838

Triad

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



39.0427, 20.1523, 5.0808



7.5234, 20.1523, 5.0519



19.1387, 20.1523, 122.3024

Complementary

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



39.0427, 20.1523, 5.0808



43.8865, 70.7802, 66.6462

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.



11.5632, 20.1523, 102.0363



39.0427, 20.1523, 5.0808



6.3139, 20.1523, 21.8981

Square

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



39.0427, 20.1523, 5.0808



11.5824, 20.1523, 0.7783



7.5151, 20.1523, 58.4132



29.4647, 20.1523, 102.1599

Rectangle

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



39.0427, 20.1523, 5.0808



22.4251, 20.1523, 0.0292



7.5151, 20.1523, 58.4132



16.2178, 20.1523, 119.8643

Sweetspot

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



39.0431, 20.1536, 5.0811



67.6412, 58.2750, 59.4013



40.3576, 18.9634, 89.5282



13.8157, 11.4799, 11.4721



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.



39.0431, 20.1536, 5.0811



41.7863, 21.4785, 4.8070



41.1396, 25.2852, 2.8864



16.6282, 16.5341, 17.7887



20.5969, 10.5822, 2.5856



1.8444, 0.9437, 0.4071

Inverse Universe

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



39.0431, 20.1536, 5.0811



41.7863, 21.4785, 4.8070



32.1396, 37.3050, 93.5017



16.6282, 16.5341, 17.7887



20.5969, 10.5822, 2.5856



1.8444, 0.9437, 0.4071

Previews

White Background



This preview shows how the XYZ color 39.0427, 20.1523, 5.0808 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



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 39.0427, 20.1523, 5.0808

Background



This preview shows how black text looks on a background with the XYZ color 39.0427, 20.1523, 5.0808.



This preview shows how white text looks on a background with the XYZ color 39.0427, 20.1523,

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

39.0427, 20.1523, 5.0808

Protanopia

18.9349, 20.4807, 10.5446

Deuteranopia

20.8048, 20.4831, 4.4472



Tritanopia

38.3368, 20.1842, 2.1051

Trichromacy



Original Color

39.0427, 20.1523, 5.0808



Protanomaly

22.0273, 15.7069, 7.6651



Deuteranomaly

24.3598, 16.5560, 4.0095



Tritanomaly

38.3562, 20.0294, 2.7086

Monochromacy



Original Color

39.0427, 20.1523, 5.0808



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

13.8636, 9.0399, 7.1451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0427, 20.1523, 5.0808 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(247, 6, 52)` looks like.

```
.text, #text, p{  
    color:rgb(247, 6, 52)  
}
```

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(247, 6, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 6, 52) }
```

Border

The CSS property to change the border of an element to XYZ 39.0427, 20.1523, 5.0808 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(247, 6, 52) }
```


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

```
.border{ border-color:rgb(247, 6, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 6, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 6, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 6, 52);  
box-shadow:4px 4px 4px 4px rgb(247, 6, 52)  
}
```

Background

The CSS property to change the background color of an element to XYZ 39.0427, 20.1523, 5.0808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 6, 52) }
```

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

```
.background{ background-color: rgb(247, 6,  
52) }
```

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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