

Converting Colors

YUV(79.4020, -39.1452,
142.5984)

Have a look what the booklet for
YUV(79.4020, -39.1452, 142.5984)
contains.

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Color

**YUV(79.4020, -39.1452,
142.5984)**

Conversions

Conversions Part 1

Format	Color
Hex	F20C00
RGB	242, 12, 0
RGB Percent	95%, 5%, 0%
CMY	0.0510, 0.9529, 1.0000
CMYK	0.00, 0.95, 1.00, 0.05
HSL	3°, 100%, 47%
HSV	3°, 100%, 95%
XYZ	36.7494, 19.1402, 1.7575
YIQ	79.4020, 140.9320, 45.0280

Conversions

Conversions Part 2

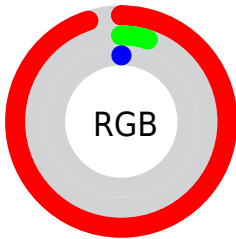
Format	Color
R_{YB}	242, 13, 0
Decimal	15862784
CIE Lab	50.85, 76.11, 64.72
CIE LCh	51, 99.901, 40.375
Yxy	19.1402, 0.6375, 0.3320
Android (android.graphics.Color)	4294052864 (0xFFFF20C00)
YUV	79.4020, -39.1452, 142.5984
Hunter-Lab	43.7495, 73.3777, 28.2428

Details

The YUV color **79.4020, -39.1452, 142.5984** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **162.5980, 39.1452, -142.5984**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0950, -40.4728, 101.6487**, and **52.3250, -25.7962, 107.5860** is the 20% darker color. If you saturate the color by 10%, you get **79.4020, -39.1452, 142.5984**, and if you desaturate by 10%, it is **95.6390, -35.3180, 128.3586**.

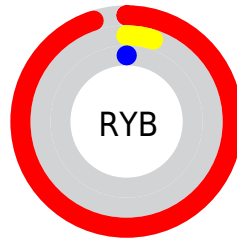
Distribution



Red (95%)

Green (5%)

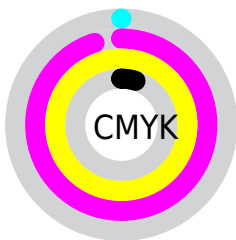
Blue (0%)



Red (95%)

Yellow (5%)

Blue (0%)

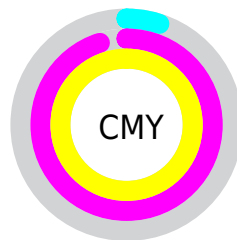


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (5%)



Cyan (5%)


Magenta (95%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 79.4020, -39.1452, 142.5984 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 YUV color 79.4020, -39.1452, 142.5984 by changing the saturation by 10% instead.


 79.4020, -39.1452,
142.5984


 79.4020, -39.1452,
142.5984


 254.0880, -3.4944,
0.7998

 62.1920, -30.6607,
127.8736


 139.0950,
-40.4728, 101.6487


 52.3250, -25.7962,
107.5860


 160.2560,
-38.0872, 83.0905


 42.4580, -20.9318,
87.2983


 180.8300,
-35.4122, 65.0471

 33.1180, -15.3412,
67.4255

 201.4040,
-32.7372, 47.0037

 24.3760, -10.0454,
48.7822

 222.0920,
-29.6254, 28.8603


 14.5800, -6.2019,
29.3093


 242.8940,


 0.0000, 0.0000,


-26.0767, 10.6170


0.0000

 250.7820,
-16.1615, 3.6992


 79.4020, -39.1452,
142.5984

 95.6390, -35.3180,
128.3586

 111.8760,
-31.4909, 114.1187

 128.2270,
-27.2269, 99.7789

 144.4640,
-23.3998, 85.5391

 160.7010,
-19.5726, 71.2992

■ 176.9380,
-15.7454, 57.0594

■ 193.1750,
-11.9183, 42.8195

■ 209.5260, -7.6543,
28.4797

■ 225.7630, -3.8272,
14.2398

Harmonies

Analogous

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



87.1890, 4.3438, 147.1702



79.4020, -39.1452, 142.5984



113.1730, -55.7943, 69.1313

Triad

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



79.4020, -39.1452, 142.5984



95.2490, -18.3638, -83.5334



101.8580, 75.4990, -89.3295

Complementary

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



79.4020, -39.1452, 142.5984



162.5980, 39.1452, -142.5984

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.



114.7720, 69.1324, -100.6550



79.4020, -39.1452, 142.5984



107.4980, 20.9535, -94.2757

Square

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



79.4020, -39.1452, 142.5984



84.5280, -41.6723, -74.1311



116.8460, 56.7709, -102.4739



119.6030, 66.2577, 28.4122

Rectangle

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



79.4020, -39.1452, 142.5984



113.8060, -56.1064, 29.1111



116.8460, 56.7709, -102.4739



107.7280, 72.6051, -94.4775

Sweetspot

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



79.4020, -39.1452, 142.5984



203.4850, -12.0711, 45.1787



99.0340, 66.5382, 125.3812



96.9280, -7.3595, 27.2501



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4020, -39.1452, 142.5984



83.8760, -41.3509, 150.0757



148.0810, -73.0039, 82.3670



111.5880, -1.7689, 7.3773



60.2990, -29.7274, 108.4858



18.5050, -9.1230, 32.8831

Inverse Universe

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



162.5980, 39.1452, -142.5984



171.1240, 41.3509, -150.0757



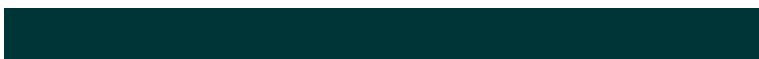
93.9190, 73.0039, -82.3670



115.8250, 2.0583, -6.8625



123.1140, 30.0168, -107.9710



37.4950, 9.1230, -32.8831

Previews

White Background



This preview shows how the YUV color 79.4020, -39.1452, 142.5984 looks on a white background.

Color Contrast Check

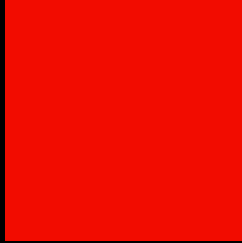
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 79.4020, -39.1452, 142.5984 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](#).

YUV 79.4020, -39.1452, 142.5984

Background



This preview shows how black text looks on a background with the YUV color 79.4020, -39.1452, 142.5984.



This preview shows how white text looks on a background with the YUV color 79.4020, -39.1452,

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



Protanopia

116.6980, -42.2491, 17.8049

Deuteranopia

114.1380, -56.2700, 34.9590

Tritanopia

84.9730, -41.8917, 136.8357

Trichromacy



Protanomaly

103.3260, -41.0797, 62.8581

Deuteranomaly

101.4000, -49.9902, 74.1942

Tritanomaly

82.6250, -40.7341, 138.8949

Monochromacy



Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.2470, -14.4188, 51.5264

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4020, -39.1452, 142.5984 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(242, 12, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 12, 0)  
}
```

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(242, 12, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 12, 0) }
```

Border

The CSS property to change the border of an element to YUV 79.4020, -39.1452, 142.5984 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(242, 12, 0) }
```

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

```
.border{ border-color:rgb(242, 12, 0) }
```

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

Here you see how a box with a 4 pixel rgb(242, 12, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 12, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 12, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 12, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 79.4020, -39.1452, 142.5984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 12, 0) }
```

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

```
.background{ background-color: rgb(242, 12,  
0) }
```

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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