

Converting Colors

YUV(85.4510, -40.1553,
139.9245)

Have a look what the booklet for
YUV(85.4510, -40.1553, 139.9245)
contains.

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Color

**YUV(85.4510, -40.1553,
139.9245)**

Conversions

Conversions Part 1

Format	Color
Hex	F51404
RGB	245, 20, 4
RGB Percent	96%, 8%, 2%
CMY	0.0392, 0.9216, 0.9843
CMYK	0.00, 0.92, 0.98, 0.04
HSL	4°, 97%, 49%
HSV	4°, 98%, 96%
XYZ	37.9283, 19.9216, 1.9611
YIQ	85.4510, 139.2360, 42.7240

Conversions

Conversions Part 2

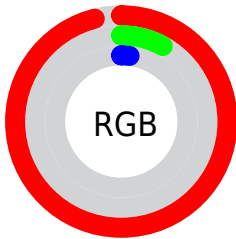
Format	Color
R_{YB}	245, 21, 4
Decimal	16061444
CIE _{Lab}	51.75, 76.09, 64.38
CIE _{LCh}	52, 99.674, 40.235
Yxy	19.9216, 0.6341, 0.3331
Android (android.graphics.Color)	4294251524 (0xFFFF51404)
YUV	85.4510, -40.1553, 139.9245
Hunter-Lab	44.6336, 73.5752, 28.6385

Details

The YUV color **85.4510, -40.1553, 139.9245** 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 **163.5490, 40.1553, -139.9245**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1980, -40.0306, 99.8044**, and **53.2220, -26.2384, 109.4303** is the 20% darker color. If you saturate the color by 10%, you get **82.6470, -40.7450, 142.3836**, and if you desaturate by 10%, it is **101.8020, -35.8914, 125.5846**.

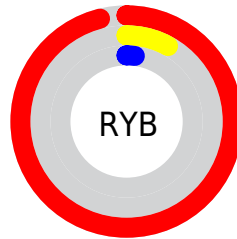
Distribution



Red (96%)

Green (8%)

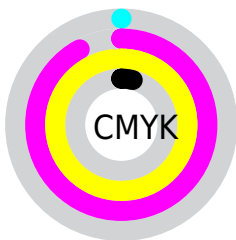
Blue (2%)



Red (96%)

Yellow (8%)

Blue (2%)

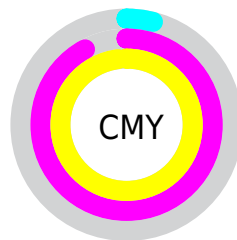


Cyan (0%)

Magenta (92%)

Yellow (98%)

Black (4%)



Cyan (4%)


Magenta (92%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.4510, -40.1553, 139.9245 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 85.4510, -40.1553, 139.9245 by changing the saturation by 10% instead.


 85.4510, -40.1553,
139.9245


 85.4510, -40.1553,
139.9245


 254.4300, -2.1840,
0.4999


 63.0890, -31.1029,
129.7179


 141.1980,
-40.0306, 99.8044


 53.2220, -26.2384,
109.4303


 162.3590,
-37.6450, 81.2462


 43.3550, -21.3740,
89.1427


 182.9330,
-34.9700, 63.2028

 33.9010, -16.2202,
69.3698

 203.5070,
-32.2950, 45.1594

 24.9740, -10.3402,
50.0118

 224.1950,
-29.1831, 27.0160


 15.1780, -6.4968,
30.5389


 244.9970,


 0.0000, 0.0000,


-25.6345, 8.7726


0.0000


 251.1240,
-14.8511, 3.3993

 85.4510, -40.1553,
139.9245


 85.4510, -40.1553,
139.9245


 82.6470, -40.7450,
142.3836

 101.8020,
-35.8914, 125.5846

 118.0390,
-32.0642, 111.3448

 134.3900,
-27.8003, 97.0050

 150.0400,
-23.6837, 83.2799

 166.3910,
-19.4198, 68.9401

■ 182.6280,
-15.5926, 54.7002

■ 198.9790,
-11.3286, 40.3604

■ 215.2160, -7.5015,
26.1206

■ 231.5670, -3.2375,
11.7807

Harmonies

Analogous

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



87.5310, 5.6542, 146.8703



85.4510, -40.1553, 139.9245



115.2440, -56.8153, 69.9460

Triad

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



85.4510, -40.1553, 139.9245



96.6510, -18.0689, -84.7629



103.6190, 74.6308, -90.8739

Complementary

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



85.4510, -40.1553, 139.9245



163.5490, 40.1553, -139.9245

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.



116.5330, 68.2642, -102.1994



85.4510, -40.1553, 139.9245



108.9000, 21.2483, -95.5053

Square

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



85.4510, -40.1553, 139.9245



85.7020, -42.2511, -75.1607



118.2480, 57.0657, -103.7035



122.0760, 65.5315, 27.9973

Rectangle

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



85.4510, -40.1553, 139.9245



115.8770, -57.1274, 29.9259



118.2480, 57.0657, -103.7035



108.9020, 72.0263, -95.5071

Sweetspot

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



85.4510, -40.1553, 139.9245



204.6590, -12.6499, 44.1491



102.1650, 64.5017, 125.2663



97.5150, -7.6489, 26.7353



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.



85.4510, -40.1553, 139.9245



86.2240, -42.5084, 148.0166



154.1300, -74.0141, 79.6930



114.1750, -2.0583, 6.8625



62.6580, -30.8904, 108.1709



19.9890, -9.8546, 34.2126

Inverse Universe

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



163.5490, 40.1553, -139.9245



168.7760, 42.5084, -148.0166



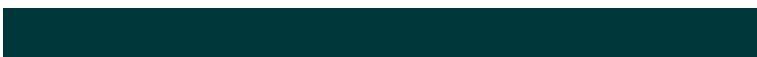
94.8700, 74.0141, -79.6930



118.4120, 1.7689, -7.3773



123.3420, 30.8904, -108.1709



39.0110, 9.8546, -34.2126

Previews

White Background



This preview shows how the YUV color 85.4510, -40.1553, 139.9245 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 85.4510, -40.1553, 139.9245 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 85.4510, -40.1553, 139.9245

Background



This preview shows how black text looks on a background with the YUV color 85.4510, -40.1553, 139.9245.



This preview shows how white text looks on a background with the YUV color 85.4510, -40.1553,

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

85.4510, -40.1553, 139.9245

Protanopia

118.8830, -42.8333, 18.5196

Deuteranopia

116.2090, -57.2910, 35.7737



Tritanopia

86.1690, -42.4813, 139.2948

Trichromacy



Original Color

85.4510, -40.1553, 139.9245

Protanomaly

106.7990, -41.8059, 62.4433

Deuteranomaly

104.7590, -51.1532, 73.8794

Tritanomaly

85.6960, -41.7551, 139.7096

Monochromacy



Original Color

85.4510, -40.1553, 139.9245

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9480, -14.2714, 50.9116

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4510, -40.1553, 139.9245 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(245, 20, 4)` looks like.

```
.text, #text, p{  
    color:rgb(245, 20, 4)  
}
```

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(245, 20, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 20, 4) }
```

Border

The CSS property to change the border of an element to YUV 85.4510, -40.1553, 139.9245 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(245, 20, 4) }
```


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

```
.border{ border-color:rgb(245, 20, 4) }
```

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

Here you see how a box with a 4 pixel rgb(245, 20, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 20, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 20, 4);  
box-shadow:4px 4px 4px 4px rgb(245, 20, 4)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.4510, -40.1553, 139.9245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 20, 4) }
```

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

```
.background{ background-color: rgb(245, 20,  
4) }
```

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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