

Converting Colors

YUV(53.9240, 8.9115, 35.1467)

Have a look what the booklet for
YUV(53.9240, 8.9115, 35.1467)
contains.

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Color

**YUV(53.9240, 8.9115,
35.1467)**

Conversions

Conversions Part 1

Format	Color
Hex	5E1E48
RGB	94, 30, 72
RGB Percent	37%, 12%, 28%
CMY	0.6314, 0.8824, 0.7176
CMYK	0.00, 0.68, 0.23, 0.63
HSL	321°, 52%, 24%
HSV	321°, 68%, 37%
XYZ	6.2501, 3.7761, 6.5303
YIQ	53.9240, 24.6620, 26.6300

Conversions

Conversions Part 2

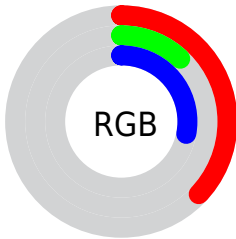
Format	Color
RYB	94, 30, 72
Decimal	6168136
CIELab	22.92, 34.07, -11.19
CIElCh	23, 35.859, 341.819
Yxy	3.7761, 0.3775, 0.2281
Android (android.graphics.Color)	4284358216 (0xFF5E1E48)
YUV	53.9240, 8.9115, 35.1467
Hunter-Lab	19.4322, 23.4053, -6.3223

Details

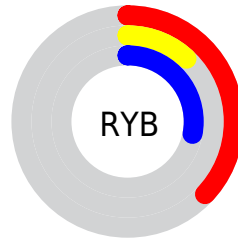
The YUV color **53.9240, 8.9115, 35.1467** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **70.0760, -8.9115, -35.1467**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.1200, 8.3218, 37.6058**, and **17.0600, 5.8864, 25.3804** is the 20% darker color. If you saturate the color by 10%, you get **48.2990, 10.2056, 40.0798**, and if you desaturate by 10%, it is **59.5490, 7.6173, 30.2135**.

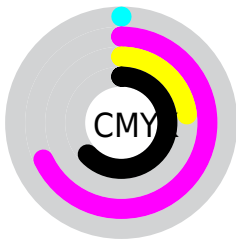
Distribution



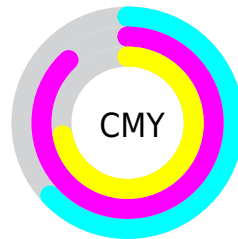
- Red (37%)
- Green (12%)
- Blue (28%)



- Red (37%)
- Yellow (12%)
- Blue (28%)



- Cyan (0%)
- Magenta (68%)
- Yellow (23%)
- Black (63%)



- Cyan (63%)
- Magenta (88%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.9240, 8.9115, 35.1467 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 53.9240, 8.9115, 35.1467 by changing the saturation by 10% instead.

■ 53.9240, 8.9115,
35.1467

■ 53.9240, 8.9115,
35.1467

■ 255.0000, 0.0000,
0.0000

■ 27.9780, 10.3638,
35.9763

■ 104.1200, 8.3218,
37.6058

■ 17.0600, 5.8864,
25.3804

■ 129.7180, 8.0270,
38.8353

■ 2.6910, -1.3267,
5.5330

■ 156.4300, 8.1690,
39.9649


■ 0.0000, 0.0000,
0.0000


■ 183.4410, 8.1636,
41.7092

■ 210.2450, 8.7532,
39.2501


■ 229.7590, 12.4438,

22.1364


 246.1950, 4.3409,
7.7220


 53.9240, 8.9115,
35.1467


 53.9240, 8.9115,
35.1467

 48.2990, 10.2056,
40.0798


 59.5490, 7.6173,
30.2135


 42.0870, 11.7891,
45.5277


 65.7610, 6.0338,
24.7656

 36.3480, 12.6464,
50.5608

 71.5000, 5.1765,
19.7325

 35.1740, 13.2252,
51.5904

 77.7120, 3.5930,
14.2846

 83.3370, 2.2989,
9.3515

■ 88.9620, 1.0047,
4.4183

■ 95.2880, -0.1420,
-1.1296

■ 100.9130, -1.4361,
-6.0627

■ 107.1250, -3.0196,
-11.5106

Harmonies

Analogous

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



56.1150, 19.1703, 11.3001



53.9240, 8.9115, 35.1467



50.8900, -2.9038, 44.8235

Triad

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



53.9240, 8.9115, 35.1467



50.8010, -25.0449, 6.3135



49.0020, 20.2120, -42.9748

Complementary

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



53.9240, 8.9115, 35.1467



70.0760, -8.9115, -35.1467

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.



46.7390, 9.0027, -40.9901



53.9240, 8.9115, 35.1467



46.1940, -17.8436, -16.8331

Square

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



53.9240, 8.9115, 35.1467



51.5090, -25.3939, 24.9866



42.9600, -2.9383, -37.6759



48.4780, 28.3583, -42.5152

Rectangle

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



53.9240, 8.9115, 35.1467



51.8760, -11.7709, 42.2047



42.9600, -2.9383, -37.6759



48.6770, 16.4282, -42.6897

Sweetspot

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



53.9240, 8.9115, 35.1467



107.0000, 3.4510, 13.1550



43.5750, 24.8595, 6.5117



52.2120, 1.8675, 7.7071



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



53.9240, 8.9115, 35.1467



59.4240, 14.0880, 54.8792



50.3900, -4.6293, 38.2460



42.8370, 0.5734, 2.7740



41.0980, 15.2347, 60.4271



88.6470, 33.2050, 130.1056

Inverse Universe

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



53.9240, 8.9115, 35.1467



59.4240, 14.0880, 54.8792



73.6100, 4.6293, -38.2460



42.8370, 0.5734, 2.7740



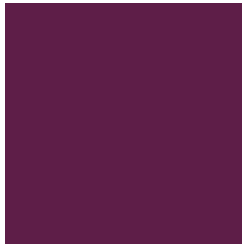
41.0980, 15.2347, 60.4271



88.6470, 33.2050, 130.1056

Previews

White Background



This preview shows how the YUV color 53.9240, 8.9115, 35.1467 looks on a white background.

Color Contrast Check

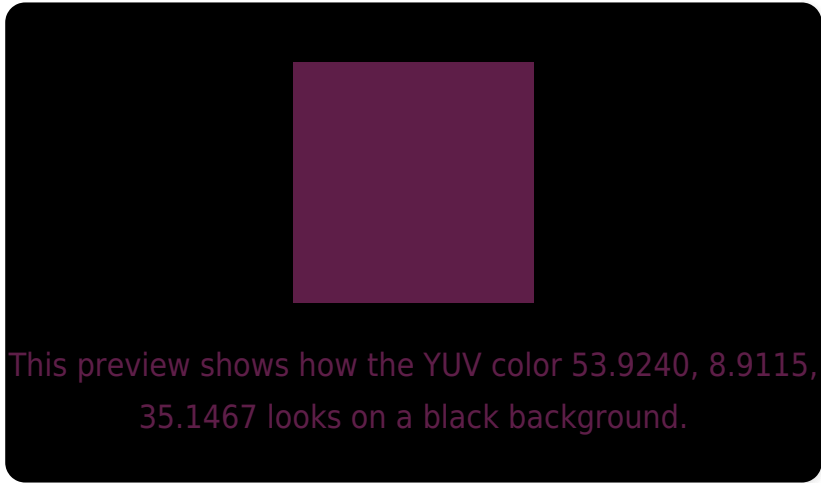
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

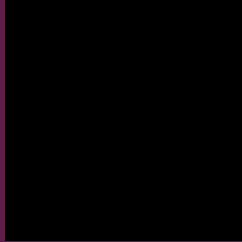
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 53.9240, 8.9115, 35.1467

Background



This preview shows how black text looks on a background with the YUV color 53.9240, 8.9115, 35.1467.



This preview shows how white text looks on a background with the YUV color 53.9240, 8.9115,

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

53.9240, 8.9115, 35.1467

Protanopia

55.2170, 17.6410, -11.5913

Deuteranopia

56.4820, 5.6784, -1.2997



Tritanopia

54.1890, -6.5022, 32.2832

Trichromacy



Original Color

53.9240, 8.9115, 35.1467

Protanomaly

54.8170, 14.3872, 5.4225

Deuteranomaly

55.4990, 6.6560, 11.8404

Tritanomaly

53.9810, -0.9766, 33.3427

Monochromacy



Original Color

53.9240, 8.9115, 35.1467

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0000, 3.4510, 13.1550

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.9240, 8.9115, 35.1467 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(94, 30, 72)` looks like.

```
.text, #text, p{  
  color:rgb(94, 30, 72)  
}
```

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(94, 30, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 30, 72) }
```

Border

The CSS property to change the border of an element to YUV 53.9240, 8.9115, 35.1467 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(94, 30, 72) }
```


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

```
.border{ border-color:rgb(94, 30, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 30, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 30, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 30, 72);  
box-shadow:4px 4px 4px 4px rgb(94, 30, 72)  
}
```

Background

The CSS property to change the background color of an element to YUV 53.9240, 8.9115, 35.1467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 30, 72) }
```

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

```
.background{ background-color: rgb(94, 30,  
72) }
```

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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