

Converting Colors

YUV(85.5430, -3.2257, 54.7748)

Have a look what the booklet for
YUV(85.5430, -3.2257, 54.7748)
contains.

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Color

**YUV(85.5430, -3.2257,
54.7748)**

Conversions

Conversions Part 1

Format	Color
Hex	94374F
RGB	148, 55, 79
RGB Percent	58%, 22%, 31%
CMY	0.4196, 0.7843, 0.6902
CMYK	0.00, 0.63, 0.47, 0.42
HSL	345°, 46%, 40%
HSV	345°, 63%, 58%
XYZ	14.9902, 9.5928, 8.4587
YIQ	85.5430, 47.7240, 27.1800

Conversions

Conversions Part 2

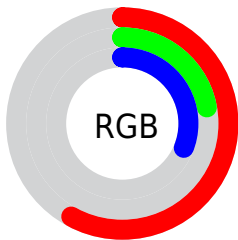
Format	Color
R_{YB}	148, 55, 79
Decimal	9713487
CIE _{Lab}	37.10, 41.26, 6.22
CIE _{LCh}	37, 41.723, 8.568
Yxy	9.5928, 0.4537, 0.2903
Android (android.graphics.Color)	4287903567 (0xFF94374F)
YUV	85.5430, -3.2257, 54.7748
Hunter-Lab	30.9722, 32.1906, 5.4882

Details

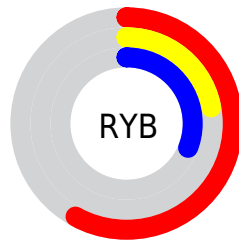
The YUV color **85.5430, -3.2257, 54.7748** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **117.4570, 3.2257, -54.7748**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6960, -5.2731, 58.1486**, and **31.7970, 1.5791, 53.6750** is the 20% darker color. If you saturate the color by 10%, you get **75.4840, -3.6896, 63.5965**, and if you desaturate by 10%, it is **95.6020, -2.7618, 45.9530**.

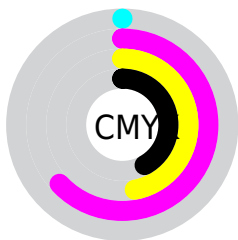
Distribution



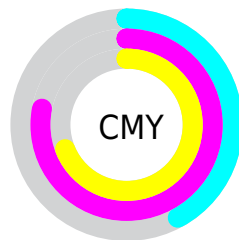
- Red (58%)
- Green (22%)
- Blue (31%)



- Red (58%)
- Yellow (22%)
- Blue (31%)



- Cyan (0%)
- Magenta (63%)
- Yellow (47%)
- Black (42%)



- Cyan (42%)
- Magenta (78%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.5430, -3.2257, 54.7748 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 85.5430, -3.2257, 54.7748 by changing the saturation by 10% instead.

■ 85.5430, -3.2257,
54.7748

■ 85.5430, -3.2257,
54.7748

■ 255.0000, 0.0000,
0.0000

■ 58.7000, -1.3311,
53.7601

■ 138.6960, -5.2731,
58.1486

■ 31.7970, 1.5791,
53.6750

■ 165.8920, -5.8628,
60.6077

■ 21.2160, -4.0505,
39.2756

■ 190.7990, -4.8309,
56.3043

■ 12.6720, -5.7543,
25.7207

■ 210.3130, -1.1403,
39.1905

■ 0.0000, 0.0000,
0.0000

■ 229.9410, 2.9871,
21.9767

■ 249.1300, 2.8939,

5.1480

■ 85.5430, -3.2257,
54.7748

■ 85.5430, -3.2257,
54.7748

■ 75.4840, -3.6896,
63.5965

■ 95.6020, -2.7618,
45.9530

■ 65.4250, -4.1535,
72.4183

■ 105.6610, -2.2979,
37.1313

■ 55.9530, -4.9068,
80.7252

■ 115.1330, -1.5446,
28.8244

■ 48.5840, -5.2179,
87.1878

■ 125.1920, -1.0807,
20.0026

■ 135.2510, -0.6167,
11.1809

■ 145.3100, -0.1528,
2.3591

■ 155.3690, 0.3111,
-6.4626

■ 164.8410, 1.0644,
-14.7696

■ 174.9000, 1.5283,
-23.5913

Harmonies

Analogous

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



88.4670, 12.0948, 40.8094



85.5430, -3.2257, 54.7748



85.0960, -18.7813, 50.7818

Triad

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



85.5430, -3.2257, 54.7748



78.1140, -23.2272, -16.7630



74.0390, 37.4488, -64.9322

Complementary

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



85.5430, -3.2257, 54.7748



117.4570, 3.2257, -54.7748

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.



74.4660, 26.3923, -65.3067



85.5430, -3.2257, 54.7748



66.8280, -2.8732, -58.6082

Square

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



85.5430, -3.2257, 54.7748



82.2010, -35.1021, 12.1017



71.4050, 12.1253, -62.6222



78.4810, 37.2309, -41.6408

Rectangle

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



85.5430, -3.2257, 54.7748



84.7390, -27.4793, 40.5709



71.4050, 12.1253, -62.6222



74.5290, 34.2492, -65.3619

Sweetspot

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



85.5430, -3.2257, 54.7748



166.7900, -1.3755, 21.2322



85.9340, 30.5985, 32.5069



82.1480, -1.0590, 13.0252



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



85.5430, -3.2257, 54.7748



94.9750, -4.9177, 84.2139



95.7210, -20.0755, 45.8487



69.2070, -0.5951, 4.2035



45.3660, -4.6174, 81.2400



3.3320, -0.1637, 5.8478

Inverse Universe

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



85.5430, -3.2257, 54.7748



94.9750, -4.9177, 84.2139



107.2790, 20.0755, -45.8487



69.2070, -0.5951, 4.2035



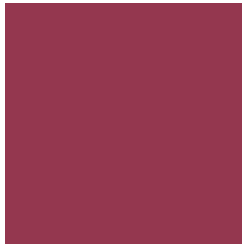
45.3660, -4.6174, 81.2400



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 85.5430, -3.2257, 54.7748 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



This preview shows how the YUV color 85.5430, -3.2257, 54.7748 looks on a 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 85.5430, -3.2257, 54.7748

Background



This preview shows how black text looks on a background with the YUV color 85.5430, -3.2257, 54.7748.



This preview shows how white text looks on a background with the YUV color 85.5430, -3.2257,

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

85.5430, -3.2257, 54.7748

Protanopia

88.7270, 4.0786, -1.5146

Deuteranopia

88.6440, -6.7265, 10.8362



Tritanopia

85.0670, -11.3720, 54.3152

Trichromacy



Original Color

85.5430, -3.2257, 54.7748

Protanomaly

87.4630, 1.2507, 18.8879

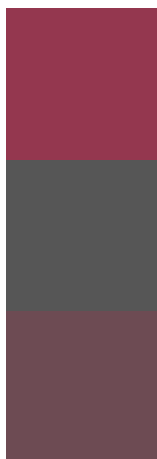
Deuteranomaly

87.3840, -5.6123, 26.8502

Tritanomaly

85.1640, -8.4619, 54.2302

Monochromacy



Original Color

85.5430, -3.2257, 54.7748

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0780, -1.5175, 20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.5430, -3.2257, 54.7748 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(148, 55, 79)` looks like.

```
.text, #text, p{  
    color:rgb(148, 55, 79)  
}
```

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(148, 55, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 55, 79) }
```

Border

The CSS property to change the border of an element to YUV 85.5430, -3.2257, 54.7748 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(148, 55, 79) }
```


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

```
.border{ border-color:rgb(148, 55, 79) }
```

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

Here you see how a box with a 4 pixel rgb(148, 55, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 55, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 55, 79);  
box-shadow:4px 4px 4px 4px rgb(148, 55,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 85.5430, -3.2257, 54.7748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 55, 79) }
```

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

```
.background{ background-color: rgb(148, 55,  
79) }
```

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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