

Converting Colors

YUV(93.8150, 0.5842, -0.7148)

Have a look what the booklet for
YUV(93.8150, 0.5842, -0.7148)
contains.

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Color

**YUV(93.8150, 0.5842,
-0.7148)**

Conversions

Conversions Part 1

Format	Color
Hex	5D5E5F
RGB	93, 94, 95
RGB Percent	36%, 37%, 37%
CMY	0.6353, 0.6314, 0.6275
CMYK	0.02, 0.01, 0.00, 0.63
HSL	210°, 1%, 37%
HSV	210°, 2%, 37%
XYZ	10.5825, 11.1588, 12.4226
YIQ	93.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

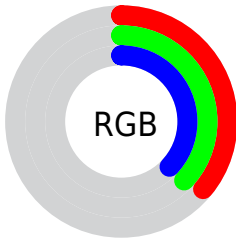
Format	Color
RYB	93, 94, 95
Decimal	6119007
CIELab	39.85, -0.18, -0.71
CIELCh	40, 0.737, 255.947
Yxy	11.1588, 0.3098, 0.3266
Android (android.graphics.Color)	4284309087 (0xFF5D5E5F)
YUV	93.8150, 0.5842, -0.7148
Hunter-Lab	33.4048, -1.9104, 1.3346

Details

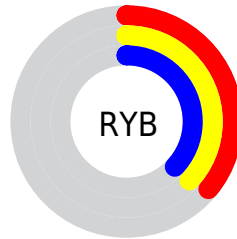
The YUV color **93.8150, 0.5842, -0.7148** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **94.1850, -0.5842, 0.7148**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8150, 0.5842, -0.7148**, and **47.8150, 0.5842, -0.7148** is the 20% darker color. If you saturate the color by 10%, you get **88.1890, 3.3578, -3.6738**, and if you desaturate by 10%, it is **99.7400, -2.3368, 2.8590**.

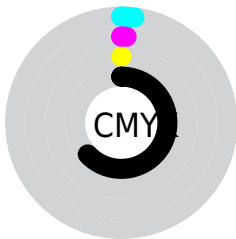
Distribution



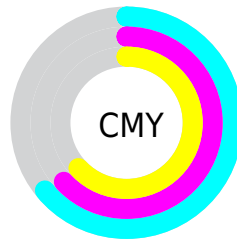
- Red (36%)
- Green (37%)
- Blue (37%)



- Red (36%)
- Yellow (37%)
- Blue (37%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (63%)



- Cyan (64%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8150, 0.5842, -0.7148 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 93.8150, 0.5842, -0.7148 by changing the saturation by 10% instead.

■ 93.8150, 0.5842,
-0.7148

■ 93.8150, 0.5842,
-0.7148

255.0000, 0.0000,
0.0000

■ 69.8150, 0.5842,
-0.7148

■ 143.8150, 0.5842,
-0.7148

■ 47.8150, 0.5842,
-0.7148

■ 170.8150, 0.5842,
-0.7148

■ 26.8150, 0.5842,
-0.7148

■ 197.8150, 0.5842,
-0.7148

■ 0.1140, 0.4368,
-0.1000

■ 225.8150, 0.5842,
-0.7148

■ 0.0000, 0.0000,
0.0000

254.7010, 0.1474,
-0.6148

■ 93.8150, 0.5842,
-0.7148

■ 93.8150, 0.5842,
-0.7148

■ 88.1890, 3.3578,
-3.6738

■ 99.7400, -2.3368,
2.8590

■ 82.8510, 5.9895,
-7.7623

■ 104.7790, -4.8210,
6.3328

■ 77.2250, 8.7631,
-10.7213

■ 110.7040, -7.7421,
9.9066

■ 71.3000, 11.6841,
-14.2951

■ 116.3300,
-10.5157, 12.8656

■ 65.3750, 14.6051,
-17.8689

■ 122.2550,
-13.4367, 16.4394

■ 60.3360, 17.0894,
-21.3427

■ 127.2940,
-15.9209, 19.9132

■ 54.4110, 20.0104,
-24.9164

■ 133.2190,
-18.8420, 23.4869

■ 48.7850, 22.7840,

■ 138.8450,

-27.8754

-21.6156, 26.4459

■ 43.1590, 25.5576,
-30.8344

■ 144.7700,
-24.5366, 30.0197

Harmonies

Analogous

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



93.8150, 0.5842, -0.7148



93.8150, 0.5842, -0.7148



94.1140, 0.4368, -0.1000

Triad

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



93.8150, 0.5842, -0.7148



93.7120, 0.1420, 1.1296



93.5870, -0.2894, -0.5148

Complementary

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



93.8150, 0.5842, -0.7148



94.1850, -0.5842, 0.7148

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.



93.8860, -0.4368, 0.1000



93.8150, 0.5842, -0.7148



94.1850, -0.5842, 0.7148

Square

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



93.8150, 0.5842, -0.7148



94.2990, -0.1474, 0.6148



94.1850, -0.5842, 0.7148



93.7010, 0.1474, -0.6148

Rectangle

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



93.8150, 0.5842, -0.7148



94.1140, 0.4368, -0.1000



94.1850, -0.5842, 0.7148



93.8860, -0.4368, 0.1000

Sweetspot

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



93.8150, 0.5842, -0.7148



121.7010, 0.1474, -0.6148



94.2880, -0.1420, -1.1296



61.0000, 0.0000, 0.0000



189.0000, 0.0000, 0.0000

Same Dimension

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



93.8150, 0.5842, -0.7148



120.5160, 0.7316, -1.3295



93.2280, 0.8736, -0.2000



47.1140, 0.4368, -0.1000



45.6400, 32.7155, -40.0263



97.8000, 70.1046, -85.7706

Inverse Universe

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



93.7120, 0.1420, 1.1296



120.1250, 0.4314, 1.6444



94.7720, -0.8736, 0.2000



47.2990, -0.1474, 0.6148



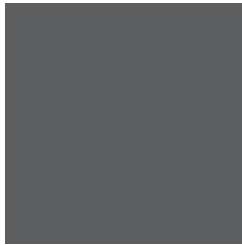
39.8720, 7.9511, 63.2563



85.4400, 17.0381, 135.5491

Previews

White Background



This preview shows how the YUV color 93.8150, 0.5842, -0.7148 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 × Fail

Black Background



This preview shows how the YUV color 93.8150, 0.5842, -0.7148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

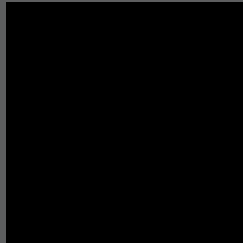
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

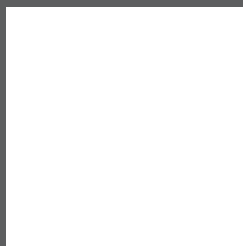
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 93.8150, 0.5842, -0.7148

Background



This preview shows how black text looks on a background with the YUV color 93.8150, 0.5842, -0.7148.



This preview shows how white text looks on a background with the YUV color 93.8150, 0.5842, -0.7148.

-0.7148.

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

93.8150, 0.5842, -0.7148

Protanopia

93.8260, 0.5788, 1.0296

Deuteranopia

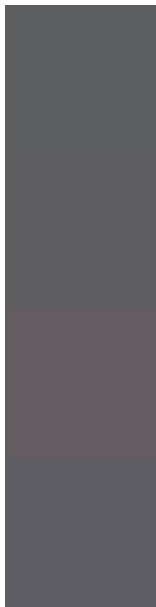
94.8590, 0.5625, 6.2627



Tritanopia

94.2110, 3.3470, -0.1850

Trichromacy



Original Color

93.8150, 0.5842, -0.7148

Protanomaly

93.5270, 0.7262, 0.4148

Deuteranomaly

94.5490, 0.7153, 3.9035

Tritanomaly

93.9830, 2.4734, 0.0149

Monochromacy



Original Color

93.8150, 0.5842, -0.7148

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0000, 0.0000, 0.0000

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8150, 0.5842, -0.7148 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(93, 94, 95)` looks like.

```
.text, #text, p{  
    color:rgb(93, 94, 95)  
}
```

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(93, 94, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 94, 95) }
```

Border

The CSS property to change the border of an element to YUV 93.8150, 0.5842, -0.7148 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(93, 94, 95) }
```

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

```
.border{ border-color:rgb(93, 94, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 94, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 94, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 94, 95);  
box-shadow:4px 4px 4px 4px rgb(93, 94, 95)  
}
```


Background

The CSS property to change the background color of an element to YUV 93.8150, 0.5842, -0.7148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 94, 95) }
```

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

```
.background{ background-color: rgb(93, 94,  
95) }
```

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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