

Converting Colors

YUV(94.8250, 2.0583, -6.8625)

Have a look what the booklet for
YUV(94.8250, 2.0583, -6.8625)
contains.

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Color

**YUV(94.8250, 2.0583,
-6.8625)**

Conversions

Conversions Part 1

Format	Color
Hex	576263
RGB	87, 98, 99
RGB Percent	34%, 38%, 39%
CMY	0.6588, 0.6157, 0.6118
CMYK	0.12, 0.01, 0.00, 0.61
HSL	185°, 6%, 36%
HSV	185°, 12%, 39%
XYZ	10.5503, 11.6625, 13.4994
YIQ	94.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

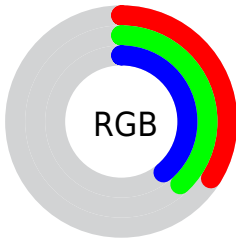
Format	Color
R_{YB}	87, 93, 99
Decimal	5726819
CIE _{Lab}	40.67, -3.99, -2.01
CIE _{LCh}	41, 4.470, 206.760
Yxy	11.6625, 0.2954, 0.3266
Android (android.graphics.Color)	4283916899 (0xFF576263)
YUV	94.8250, 2.0583, -6.8625
Hunter-Lab	34.1503, -4.6179, 0.4683

Details

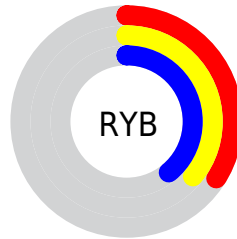
The YUV color **94.8250, 2.0583, -6.8625** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **91.1750, -2.0583, 6.8625**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5260, 2.2057, -7.4773**, and **49.1240, 1.9109, -6.2477** is the 20% darker color. If you saturate the color by 10%, you get **91.2480, 3.8217, -12.4955**, and if you desaturate by 10%, it is **98.4020, 0.2948, -1.2296**.

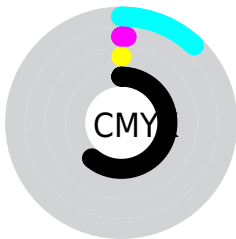
Distribution



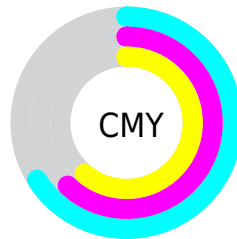
- Red (34%)
- Green (38%)
- Blue (39%)



- Red (34%)
- Yellow (36%)
- Blue (39%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (61%)



- Cyan (66%)
- Magenta (62%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.8250, 2.0583, -6.8625 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 94.8250, 2.0583, -6.8625 by changing the saturation by 10% instead.

■ 94.8250, 2.0583,
-6.8625

■ 94.8250, 2.0583,
-6.8625

■ 255.0000, 0.0000,
0.0000

■ 71.1240, 1.9109,
-6.2477

■ 145.5260, 2.2057,
-7.4773

■ 49.1240, 1.9109,
-6.2477

■ 171.5260, 2.2057,
-7.4773

■ 28.0100, 1.4741,
-6.1478

■ 199.2270, 2.3531,
-8.0921

■ 3.7330, 1.6106,
-3.2738

■ 227.2270, 2.3531,
-8.0921

■ 0.0000, 0.0000,
0.0000

■ 252.6080, 1.1793,
-4.9182

■ 94.8250, 2.0583,
-6.8625

■ 94.8250, 2.0583,
-6.8625

■ 91.2480, 3.8217,
-12.4955

■ 98.4020, 0.2948,
-1.2296

■ 87.6710, 5.5852,
-18.1285

■ 101.9790, -1.4686,
4.4034

■ 84.6810, 7.0593,
-24.2762

■ 104.9690, -2.9427,
10.5512

■ 81.1040, 8.8227,
-29.9092

■ 108.5460, -4.7062,
16.1842

■ 77.8260, 10.4388,
-34.9274

■ 112.1230, -6.4696,
21.8171

■ 74.2490, 12.2022,
-40.5604

■ 115.4010, -8.0857,
26.8353

■ 70.6720, 13.9657,
-46.1933

■ 118.9780, -9.8492,
32.4683

■ 67.0950, 15.7292,

■ 122.5550,

-51.8263

-11.6126, 38.1013

■ 64.7030, 16.9084,
-56.7445

■ 125.5450,
-13.0867, 44.2490

Harmonies

Analogous

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



94.6680, 0.1637, -5.8478



94.8250, 2.0583, -6.8625



94.8790, 3.5107, -6.0329

Triad

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



94.8250, 2.0583, -6.8625



96.4780, 1.7363, 3.0888



95.5120, -3.2104, 3.0590

Complementary

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



94.8250, 2.0583, -6.8625



91.1750, -2.0583, 6.8625

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.



96.2350, -3.0739, 5.9329



94.8250, 2.0583, -6.8625



96.3320, -0.1637, 5.8478

Square

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



94.8250, 2.0583, -6.8625



96.0970, 2.9102, -0.0851



96.8760, -1.9109, 6.2477



95.4900, -3.1996, -0.4297

Rectangle

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



94.8250, 2.0583, -6.8625



95.5910, 3.6526, -4.9033



96.8760, -1.9109, 6.2477



96.1100, -3.5052, 4.2885

Sweetspot

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



94.8250, 2.0583, -6.8625



125.6190, 1.1738, -3.1739



94.1580, -3.0359, -6.2776



62.5160, 0.7316, -1.3295



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



94.8250, 2.0583, -6.8625



120.8460, 3.5269, -11.2659



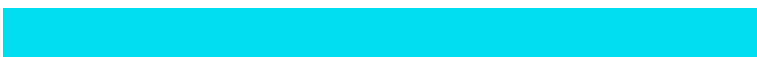
91.3030, 3.7946, -3.7737



46.8040, 0.5896, -2.4591



73.2290, 19.1141, -64.2218



156.5000, 41.1655, -137.2505

Inverse Universe

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



91.8420, 3.0359, 6.2776



116.0320, 4.9142, 10.4959



94.6970, -3.7946, 3.7737



45.6520, 1.1576, 2.0592



45.2300, 28.4806, 58.5573



96.8400, 60.7179, 125.5513

Previews

White Background



This preview shows how the YUV color 94.8250, 2.0583, -6.8625 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 94.8250, 2.0583, -6.8625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

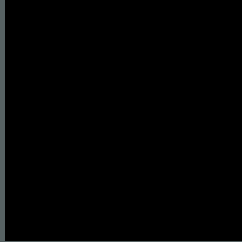
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

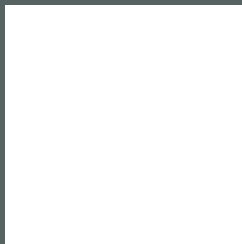
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 94.8250, 2.0583, -6.8625

Background



This preview shows how black text looks on a background with the YUV color 94.8250, 2.0583, -6.8625.



This preview shows how white text looks on a background with the YUV color 94.8250, 2.0583, -6.8625.

-6.8625.

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

94.8250, 2.0583, -6.8625

Protanopia

95.8260, 0.5788, 1.0296

Deuteranopia

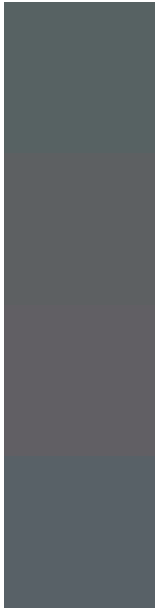
96.7880, 1.5835, 5.4479



Tritanopia

95.2210, 4.8210, -6.3328

Trichromacy



Original Color

94.8250, 2.0583, -6.8625

Protanomaly

95.3310, 1.3158, -2.0443

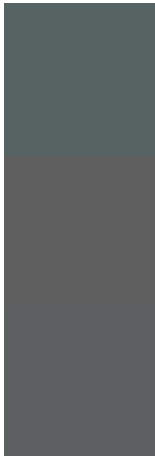
Deuteranomaly

96.1680, 1.8892, 0.7297

Tritanomaly

94.9930, 3.9475, -6.1329

Monochromacy



Original Color

94.8250, 2.0583, -6.8625

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.8040, 0.5896, -2.4591

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8250, 2.0583, -6.8625 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(87, 98, 99)` looks like.

```
.text, #text, p{  
    color:rgb(87, 98, 99)  
}
```

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(87, 98, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 98, 99) }
```

Border

The CSS property to change the border of an element to YUV 94.8250, 2.0583, -6.8625 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(87, 98, 99) }
```


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

```
.border{ border-color:rgb(87, 98, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 98, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 98, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 98, 99);  
box-shadow:4px 4px 4px 4px rgb(87, 98, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 94.8250, 2.0583, -6.8625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 98, 99) }
```

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

```
.background{ background-color: rgb(87, 98,  
99) }
```

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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