

Converting Colors

YUV(94.0840, 9.3256, -4.4587)

Have a look what the booklet for
YUV(94.0840, 9.3256, -4.4587)
contains.

YUV(94.0840, 9.3256, -4.4587)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(94.0840, 9.3256,
-4.4587)**

Conversions

Conversions Part 1

Format	Color
Hex	595D71
RGB	89, 93, 113
RGB Percent	35%, 36%, 44%
CMY	0.6510, 0.6353, 0.5569
CMYK	0.21, 0.18, 0.00, 0.56
HSL	230°, 12%, 40%
HSV	230°, 21%, 44%
XYZ	11.0148, 11.1448, 17.1934
YIQ	94.0840, -8.8040, 5.3720

Conversions

Conversions Part 2

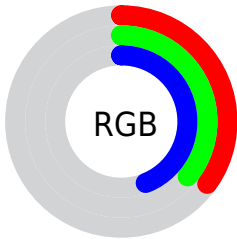
Format	Color
R_{YB}	89, 92, 113
Decimal	5856625
CIE Lab	39.82, 3.15, -11.85
CIE LCh	40, 12.267, 284.899
Yxy	11.1448, 0.2799, 0.2832
Android (android.graphics.Color)	4284046705 (0xFF595D71)
YUV	94.0840, 9.3256, -4.4587
Hunter-Lab	33.3838, 0.4734, -7.1670

Details

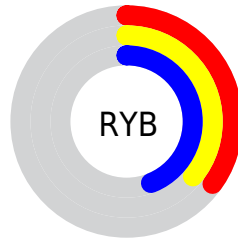
The YUV color **94.0840, 9.3256, -4.4587** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **107.9160, -9.3256, 4.4587**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3120, 10.1992, -4.6586**, and **47.8560, 8.4520, -4.2587** is the 20% darker color. If you saturate the color by 10%, you get **85.5120, 13.5516, -6.5880**, and if you desaturate by 10%, it is **102.6560, 5.0996, -2.3293**.

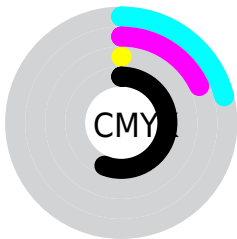
Distribution



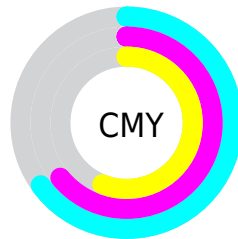
- Red (35%)
- Green (36%)
- Blue (44%)



- Red (35%)
- Yellow (36%)
- Blue (44%)



- Cyan (21%)
- Magenta (18%)
- Yellow (0%)
- Black (56%)



- Cyan (65%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.0840, 9.3256, -4.4587 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 94.0840, 9.3256, -4.4587 by changing the saturation by 10% instead.

■ 94.0840, 9.3256,
-4.4587

■ 94.0840, 9.3256,
-4.4587

■ 255.0000, 0.0000,
0.0000

■ 70.0840, 9.3256,
-4.4587

■ 144.3120, 10.1992,
-4.6586

■ 47.8560, 8.4520,
-4.2587

■ 171.3120, 10.1992,
-4.6586

■ 27.3290, 7.7258,
-4.6735

■ 198.4260, 10.6360,
-4.7586

■ 2.6220, 10.0464,
-2.2995

■ 226.4260, 10.6360,
-4.7586

■ 0.0000, 0.0000,
0.0000

■ 252.3310, 1.3158,
-2.0443

■ 94.0840, 9.3256,
-4.4587

■ 94.0840, 9.3256,
-4.4587

■ 85.5120, 13.5516,
-6.5880

■ 102.6560, 5.0996,
-2.3293

■ 76.0540, 18.2144,
-8.8174

■ 112.1140, 0.4368,
-0.1000

■ 67.4820, 22.4404,
-10.9467

■ 120.6860, -3.7892,
2.0294

■ 58.3230, 26.9558,
-12.5613

■ 129.8450, -8.3046,
3.6439

■ 49.7510, 31.1818,
-14.6906

■ 138.7160,
-12.6780, 6.3881

■ 40.8800, 35.5552,
-17.4348

■ 147.2880,
-16.9040, 8.5174

■ 31.7210, 40.0705,
-19.0493

■ 156.4470,
-21.4194, 10.1320

■ 24.0350, 43.8597,

■ 165.0190,

-21.0787

-25.6454, 12.2613

■ 174.4770,
-30.3082, 14.4907

Harmonies

Analogous

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



91.9580, 10.3737, -13.9952



94.0840, 9.3256, -4.4587



95.6400, 6.0935, 5.5777

Triad

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



94.0840, 9.3256, -4.4587



94.5630, -7.1796, 16.1692



90.2710, -1.1196, -14.2697

Complementary

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



94.0840, 9.3256, -4.4587



107.9160, -9.3256, 4.4587

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.



91.9470, -6.3829, -6.0925



94.0840, 9.3256, -4.4587



93.6610, -9.1999, 10.8213

Square

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



94.0840, 9.3256, -4.4587



95.6000, -3.2538, 17.0138



92.9050, -9.3202, 2.7143



90.3180, 4.2802, -19.5729

Rectangle

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



94.0840, 9.3256, -4.4587



95.5760, 3.1670, 10.8958



92.9050, -9.3202, 2.7143



91.1250, -3.0196, -11.5106

Sweetspot

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



94.0840, 9.3256, -4.4587



141.2000, 3.3524, -1.9294



105.3680, 1.7906, -14.3547



70.1570, 1.8946, -1.0147



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



94.0840, 9.3256, -4.4587



118.7400, 14.4252, -6.7880



94.1280, 9.3039, 2.5187



51.2710, 2.3314, -1.1147



25.4200, 46.6279, -22.2933



52.2250, 96.0241, -45.8013

Inverse Universe

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



96.6320, -1.7906, 14.3547



122.7470, -2.8333, 22.1469



107.8720, -9.3039, -2.5187



51.9080, -0.4476, 3.5887



38.1600, -8.9529, 71.7737



78.5270, -18.5008, 147.7508

Previews

White Background



This preview shows how the YUV color 94.0840, 9.3256, -4.4587 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 94.0840, 9.3256, -4.4587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

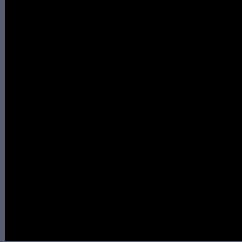
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.0840, 9.3256, -4.4587

Background



This preview shows how black text looks on a background with the YUV color 94.0840, 9.3256, -4.4587.



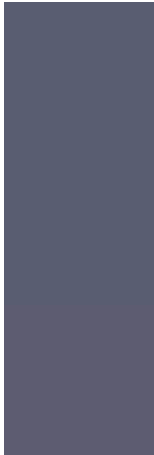
This preview shows how white text looks on a background with the YUV color 94.0840, 9.3256,

-4.4587.

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

94.0840, 9.3256, -4.4587

Protanopia

94.0840, 9.3256, -4.4587

Deuteranopia

94.6930, 9.0254, -1.4848



Tritanopia

93.4060, 4.2368, -5.6181

Trichromacy



Original Color

94.0840, 9.3256, -4.4587

Protanomaly

94.0840, 9.3256, -4.4587

Deuteranomaly

94.3940, 9.1728, -2.0995

Tritanomaly

93.5740, 6.1260, -4.8884

Monochromacy



Original Color

94.0840, 9.3256, -4.4587

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2000, 3.3524, -1.9294

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.0840, 9.3256, -4.4587 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(89, 93, 113)` looks like.

```
.text, #text, p{  
    color:rgb(89, 93, 113)  
}
```

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(89, 93, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 93, 113) }
```

Border

The CSS property to change the border of an element to YUV 94.0840, 9.3256, -4.4587 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(89, 93, 113) }
```


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

```
.border{ border-color:rgb(89, 93, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 93, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 93, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 93, 113);  
box-shadow:4px 4px 4px 4px rgb(89, 93,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 94.0840, 9.3256, -4.4587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 93, 113) }
```

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

```
.background{ background-color: rgb(89, 93,  
113) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor