

Converting Colors

YUV(93.4760, 8.1463, 0.4595)

Have a look what the booklet for
YUV(93.4760, 8.1463, 0.4595)
contains.

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Color

**YUV(93.4760, 8.1463,
0.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5A6E
RGB	94, 90, 110
RGB Percent	37%, 35%, 43%
CMY	0.6314, 0.6471, 0.5686
CMYK	0.15, 0.18, 0.00, 0.57
HSL	252°, 10%, 39%
HSV	252°, 18%, 43%
XYZ	11.0867, 10.8178, 16.2556
YIQ	93.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

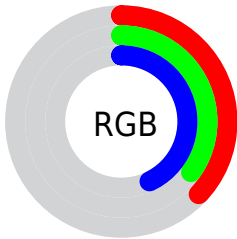
Format	Color
RYB	94, 90, 110
Decimal	6183534
CIELab	39.27, 6.06, -10.80
CIElCh	39, 12.386, 299.292
Yxy	10.8178, 0.2905, 0.2835
Android (android.graphics.Color)	4284373614 (0xFF5E5A6E)
YUV	93.4760, 8.1463, 0.4595
Hunter-Lab	32.8904, 2.6107, -6.2798

Details

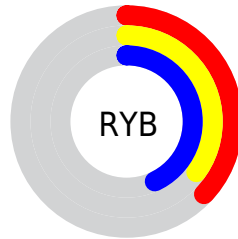
The YUV color **93.4760, 8.1463, 0.4595** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **106.5240, -8.1463, -0.4595**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.0030, 8.8725, 0.8744**, and **47.2480, 7.2727, 0.6595** is the 20% darker color. If you saturate the color by 10%, you get **84.3280, 12.6563, 0.5893**, and if you desaturate by 10%, it is **102.6240, 3.6364, 0.3298**.

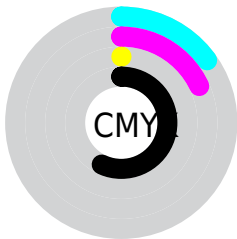
Distribution



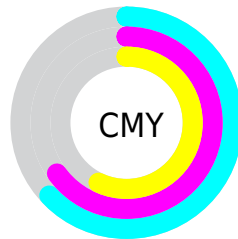
- Red (37%)
- Green (35%)
- Blue (43%)



- Red (37%)
- Yellow (35%)
- Blue (43%)



- Cyan (15%)
- Magenta (18%)
- Yellow (0%)
- Black (57%)



- Cyan (63%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4760, 8.1463, 0.4595 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 93.4760, 8.1463, 0.4595 by changing the saturation by 10% instead.

■ 93.4760, 8.1463,
0.4595

■ 93.4760, 8.1463,
0.4595

■ 255.0000, 0.0000,
0.0000

■ 70.0630, 7.8569,
-0.0553

■ 144.0030, 8.8725,
0.8744

■ 47.2480, 7.2727,
0.6595

■ 170.1170, 9.3093,
0.7744

■ 26.7210, 6.5465,
0.2447

■ 197.7040, 9.0199,
0.2596

■ 2.2800, 8.7360,
-1.9996

■ 225.2310, 9.7461,
0.6744

■ 0.0000, 0.0000,
0.0000

■ 252.0650, 1.4470,
2.5740

■ 93.4760, 8.1463,
0.4595

■ 93.4760, 8.1463,
0.4595

■ 84.3280, 12.6563,
0.5893

■ 102.6240, 3.6364,
0.3298

■ 75.1800, 17.1663,
0.7191

■ 111.7720, -0.8736,
0.2000

■ 66.3310, 21.5288,
1.4637

■ 120.6210, -5.2362,
-0.5446

■ 57.1830, 26.0388,
1.5935

■ 129.7690, -9.7461,
-0.6744

■ 48.0350, 30.5487,
1.7233

■ 138.9170,
-14.2561, -0.8042

■ 38.8870, 35.0587,
1.8531

■ 148.0650,
-18.7660, -0.9340

■ 29.7390, 39.5687,
1.9829

■ 157.2130,
-23.2760, -1.0638

■ 20.8900, 43.9312,

■ 166.0620,

2.7275

-27.6386, -1.8084

■ 19.1180, 44.8048,
2.5275

■ 175.2100,
-32.1485, -1.9382

Harmonies

Analogous

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



91.5780, 10.0680, -9.2769



93.4760, 8.1463, 0.4595



94.2060, 4.3354, 9.4663

Triad

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



93.4760, 8.1463, 0.4595



92.9110, -8.3371, 14.1101



88.6450, 1.6540, -17.2287

Complementary

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



93.4760, 8.1463, 0.4595



106.5240, -8.1463, -0.4595

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.



89.6090, -3.7512, -10.1811



93.4760, 8.1463, 0.4595



92.4110, -10.0626, 7.5326

Square

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



93.4760, 8.1463, 0.4595



93.7310, -5.2904, 16.8989



91.2250, -7.9989, -1.0743



88.5890, 6.6116, -20.6876

Rectangle

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



93.4760, 8.1463, 0.4595



94.7290, 1.1196, 14.2697



91.2250, -7.9989, -1.0743



88.7870, -0.3880, -15.5992

Sweetspot

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



93.4760, 8.1463, 0.4595



137.0970, 2.9102, -0.0851



101.6720, 4.1057, -10.2363



67.7550, 1.5998, 0.2149



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



93.4760, 8.1463, 0.4595



116.7410, 12.9457, 1.1041



96.4660, 6.6723, 6.6073



51.2820, 2.3260, 0.6297



20.8560, 48.8780, 2.7573



42.8090, 100.6662, 5.4295

Inverse Universe

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



97.8040, 4.0406, 10.6959



123.5320, 6.6397, 17.0734



103.5340, -6.6723, -6.6073



52.3640, 1.2995, 3.1888



46.8240, 24.2438, 64.1754



96.4250, 50.0765, 132.0543

Previews

White Background



This preview shows how the YUV color 93.4760, 8.1463, 0.4595 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 93.4760, 8.1463, 0.4595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

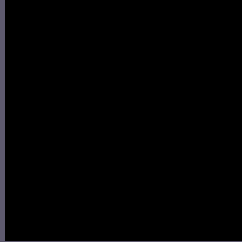
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.4760, 8.1463, 0.4595

Background



This preview shows how black text looks on a background with the YUV color 93.4760, 8.1463, 0.4595.



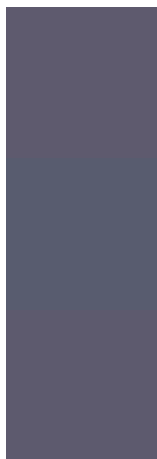
This preview shows how white text looks on a background with the YUV color 93.4760, 8.1463,

0.4595.

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

93.4760, 8.1463, 0.4595

Protanopia

92.9700, 8.8888, -4.3587

Deuteranopia

93.1770, 8.2937, -0.1552



Tritanopia

92.7980, 3.0576, -0.6998

Trichromacy



Original Color

93.4760, 8.1463, 0.4595

Protanomaly

92.9810, 8.8834, -2.6143

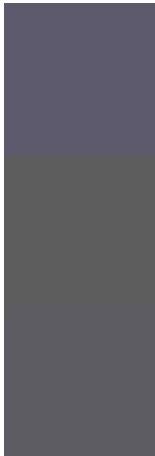
Deuteranomaly

93.1770, 8.2937, -0.1552

Tritanomaly

92.9660, 4.9468, 0.0298

Monochromacy



Original Color

93.4760, 8.1463, 0.4595

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0970, 2.9102, -0.0851

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4760, 8.1463, 0.4595 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, 90, 110)` looks like.

```
.text, #text, p{  
    color:rgb(94, 90, 110)  
}
```

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, 90, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 90, 110) }
```

Border

The CSS property to change the border of an element to YUV 93.4760, 8.1463, 0.4595 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, 90, 110) }
```


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

```
.border{ border-color:rgb(94, 90, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 90, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 90, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 90, 110);  
box-shadow:4px 4px 4px 4px rgb(94, 90,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 93.4760, 8.1463, 0.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 90, 110) }
```

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

```
.background{ background-color: rgb(94, 90,  
110) }
```

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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