

Converting Colors

YUV(93.3590, -4.6140, -13.4698)

Have a look what the booklet for
YUV(93.3590, -4.6140, -13.4698)
contains.

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Color

**YUV(93.3590, -4.6140,
-13.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6754
RGB	78, 103, 84
RGB Percent	31%, 40%, 33%
CMY	0.6941, 0.5961, 0.6706
CMYK	0.24, 0.00, 0.18, 0.60
HSL	134°, 14%, 35%
HSV	134°, 24%, 40%
XYZ	9.5924, 11.9603, 10.1905
YIQ	93.3590, -8.8010, -11.2090

Conversions

Conversions Part 2

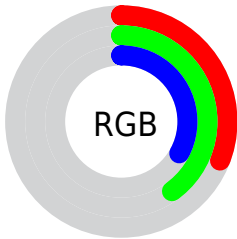
Format	Color
R_{YB}	78, 98, 103
Decimal	5138260
CIE Lab	41.15, -13.56, 7.73
CIE LCh	41, 15.609, 150.295
Yxy	11.9603, 0.3022, 0.3768
Android (android.graphics.Color)	4283328340 (0xFF4E6754)
YUV	93.3590, -4.6140, -13.4698
Hunter-Lab	34.5837, -11.0114, 6.7380

Details

The YUV color **93.3590, -4.6140, -13.4698** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **87.6410, 4.6140, 13.4698**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.9460, -4.9034, -13.9846**, and **47.1850, -4.0352, -12.4402** is the 20% darker color. If you saturate the color by 10%, you get **89.4570, -6.6343, -18.8178**, and if you desaturate by 10%, it is **97.2610, -2.5937, -8.1219**.

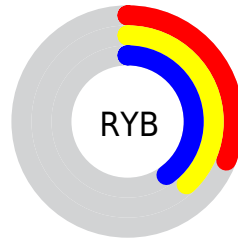
Distribution



Red (31%)

Green (40%)

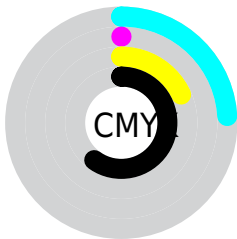
Blue (33%)



Red (31%)

Yellow (38%)

Blue (40%)

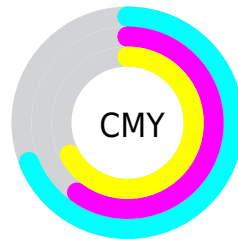


Cyan (24%)

Magenta (0%)

Yellow (18%)

Black (60%)



Cyan (69%)

Magenta (60%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.3590, -4.6140, -13.4698 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 93.3590, -4.6140, -13.4698 by changing the saturation by 10% instead.

■ 93.3590, -4.6140,
-13.4698

■ 93.3590, -4.6140,
-13.4698

255.0000, 0.0000,
0.0000

■ 69.7720, -4.3246,
-12.9550

■ 143.9460, -4.9034,
-13.9846

■ 47.1850, -4.0352,
-12.4402

■ 170.5330, -5.1928,
-14.4994

■ 25.7120, -3.3090,
-12.0254

■ 198.1200, -5.4822,
-15.0142

■ 4.6960, -2.3151,
-4.1184

■ 225.7070, -5.7716,
-15.5290

■ 0.0000, 0.0000,
0.0000

■ 248.2500, -2.5882,
-9.8663

■ 93.3590, -4.6140,
-13.4698

■ 93.3590, -4.6140,
-13.4698

■ 89.4570, -6.6343,
-18.8178

■ 97.2610, -2.5937,
-8.1219

■ 85.2560, -8.5072,
-24.7805

■ 101.4620, -0.7208,
-2.1592

■ 81.4680, -10.0907,
-30.2284

■ 105.2500, 0.8628,
3.2887

■ 77.5660, -12.1110,
-35.5764

■ 109.1520, 2.8831,
8.6367

■ 73.6640, -14.1314,
-40.9243

■ 113.3530, 4.7560,
14.5994

■ 69.4630, -16.0043,
-46.8871

■ 117.2550, 6.7763,
19.9474

■ 65.5610, -18.0246,
-52.2350

■ 121.1570, 8.7966,
25.2953

■ 63.3110, -18.8873,

■ 125.0590, 10.8169,

-55.5237

30.6433

■ 129.1460, 12.2530,
36.7060

Harmonies

Analogous

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



95.0570, -9.8881, -1.8040



93.3590, -4.6140, -13.4698



91.8400, 2.5439, -22.6617

Triad

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



93.3590, -4.6140, -13.4698



95.9520, 12.8417, -12.2359



98.7100, -6.7590, 21.3023

Complementary

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



93.3590, -4.6140, -13.4698



87.6410, 4.6140, 13.4698

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.



99.1920, -1.0807, 20.0026



93.3590, -4.6140, -13.4698



98.3450, 10.1829, 0.5744

Square

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



93.3590, -4.6140, -13.4698



93.4730, 12.5848, -23.2168



99.4560, 5.1982, 12.7551



97.5370, -11.1107, 17.0691

Rectangle

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



93.3590, -4.6140, -13.4698



91.2570, 6.7753, -26.5354



99.4560, 5.1982, 12.7551



98.5790, -4.7224, 21.4172

Sweetspot

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



93.3590, -4.6140, -13.4698



131.5110, -1.7309, -4.8331



98.3560, -10.0355, -1.1892



66.7500, -0.8628, -3.2887



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



93.3590, -4.6140, -13.4698



119.9190, -7.3551, -20.9770



94.7270, 0.6276, -14.6696



49.0490, -1.0102, -2.6740



70.6970, -21.0496, -62.0013



148.6660, -44.6983, -130.3801

Inverse Universe

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



87.6410, 4.6140, 13.4698



111.0810, 7.3551, 20.9770



86.2730, -0.6276, 14.6696



47.9510, 1.0102, 2.6740



44.3030, 21.0496, 62.0013



93.3340, 44.6983, 130.3801

Previews

White Background



This preview shows how the YUV color 93.3590, -4.6140, -13.4698 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 93.3590, -4.6140, -13.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

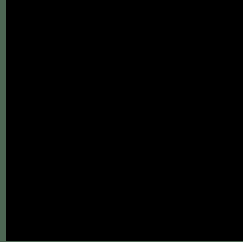
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.3590, -4.6140, -13.4698

Background



This preview shows how black text looks on a background with the YUV color 93.3590, -4.6140, -13.4698.



This preview shows how white text looks on a background with the YUV color 93.3590, -4.6140,

-13.4698.

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

93.3590, -4.6140, -13.4698

Protanopia

96.6710, -7.7258, 4.6735

Deuteranopia

97.2850, -5.5635, 11.1511



Tritanopia

95.5300, 6.1477, -11.8658

Trichromacy



Original Color

93.3590, -4.6140, -13.4698

Protanomaly

95.2680, -6.5411, -1.9890

Deuteranomaly

95.9310, -5.3890, 1.8145

Tritanomaly

94.7920, 2.0745, -12.0956

Monochromacy



Original Color

93.3590, -4.6140, -13.4698

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.5110, -1.7309, -4.8331

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.3590, -4.6140, -13.4698 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(78, 103, 84)` looks like.

```
.text, #text, p{  
    color:rgb(78, 103, 84)  
}
```

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(78, 103, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 103, 84) }
```

Border

The CSS property to change the border of an element to YUV 93.3590, -4.6140, -13.4698 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(78, 103, 84) }
```


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

```
.border{ border-color:rgb(78, 103, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 103, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 103, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 103, 84);  
box-shadow:4px 4px 4px 4px rgb(78, 103,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 93.3590, -4.6140, -13.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 103, 84) }
```

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

```
.background{ background-color: rgb(78, 103,  
84) }
```

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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