

Converting Colors

YUV(93.4110, -3.6536, -41.5794)

Have a look what the booklet for
YUV(93.4110, -3.6536, -41.5794)
contains.

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Color

**YUV(93.4110, -3.6536,
-41.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	2E7756
RGB	46, 119, 86
RGB Percent	18%, 47%, 34%
CMY	0.8196, 0.5333, 0.6627
CMYK	0.61, 0.00, 0.28, 0.53
HSL	153°, 44%, 32%
HSV	153°, 61%, 47%
XYZ	9.4033, 14.4464, 11.0969
YIQ	93.4110, -32.9150, -25.7390

Conversions

Conversions Part 2

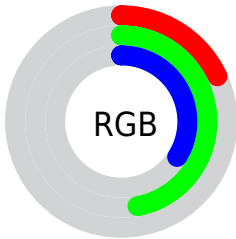
Format	Color
RYB	46, 93, 119
Decimal	3045206
CIELab	44.87, -31.10, 11.52
CIElCh	45, 33.170, 159.675
Yxy	14.4464, 0.2691, 0.4134
Android (android.graphics.Color)	4281235286 (0xFF2E7756)
YUV	93.4110, -3.6536, -41.5794
Hunter-Lab	38.0084, -22.3539, 9.2956

Details

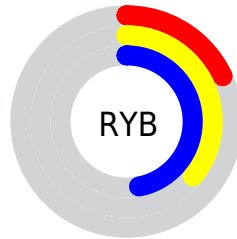
The YUV color **93.4110, -3.6536, -41.5794** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **71.5890, 3.6536, 41.5794**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0690, -4.9640, -41.2795**, and **45.7640, -2.3487, -40.1350** is the 20% darker color. If you saturate the color by 10%, you get **89.2530, -4.0687, -48.4569**, and if you desaturate by 10%, it is **97.5690, -3.2385, -34.7020**.

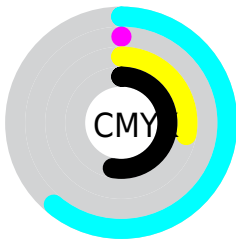
Distribution



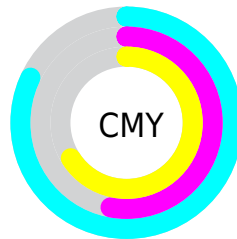
- Red (18%)
- Green (47%)
- Blue (34%)



- Red (18%)
- Yellow (36%)
- Blue (47%)



- Cyan (61%)
- Magenta (0%)
- Yellow (28%)
- Black (53%)



- Cyan (82%)
- Magenta (53%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4110, -3.6536, -41.5794 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 93.4110, -3.6536, -41.5794 by changing the saturation by 10% instead.

■ 93.4110, -3.6536,
-41.5794

■ 93.4110, -3.6536,
-41.5794

■ 255.0000, 0.0000,
0.0000

■ 66.5460, -1.7482,
-46.0828

■ 146.0690, -4.9640,
-41.2795

■ 45.7640, -2.3487,
-40.1350

■ 172.9550, -5.4008,
-41.1795

■ 29.8690, -4.8654,
-26.1951

■ 201.1290, -5.9796,
-42.2091

■ 15.2620, -7.5242,
-13.3848

■ 228.5420, -5.6902,
-41.6943

■ 0.0000, 0.0000,
0.0000

■ 240.1060, 2.4127,
-27.2800

■ 249.9170, 2.5059,

-10.4512

■ 93.4110, -3.6536,
-41.5794

■ 93.4110, -3.6536,
-41.5794

■ 89.2530, -4.0687,
-48.4569

■ 97.5690, -3.2385,
-34.7020

■ 84.9810, -4.9206,
-55.2343

■ 101.8410, -2.3866,
-27.9246

■ 80.8230, -5.3357,
-62.1118

■ 105.9990, -1.9715,
-21.0471

■ 77.2630, -6.0457,
-67.7597

■ 110.2710, -1.1196,
-14.2697

■ 114.4290, -0.7045,
-7.3922

■ 118.2880, -0.1420,
-1.1296

■ 122.5600, 0.7099,
5.6479

■ 126.7180, 1.1250,
12.5253

■ 130.8760, 1.5401,
19.4027

Harmonies

Analogous

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



99.6890, -18.5807, -13.7593



93.4110, -3.6536, -41.5794



83.4360, 15.0681, -73.1734

Triad

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



93.4110, -3.6536, -41.5794



103.4850, 27.8619, -23.2273



106.2090, -16.8650, 42.7897

Complementary

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



93.4110, -3.6536, -41.5794



71.5890, 3.6536, 41.5794

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.



107.1350, -4.5036, 44.6086



93.4110, -3.6536, -41.5794



108.6310, 19.9019, 9.9706

Square

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



93.4110, -3.6536, -41.5794



84.8160, 35.5867, -74.3836



108.7990, 8.4801, 33.5023



105.2430, -25.2628, 29.6049

Rectangle

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



93.4110, -3.6536, -41.5794



85.6020, 23.3672, -75.0730



108.7990, 8.4801, 33.5023



106.5450, -13.0867, 44.2490

Sweetspot

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



93.4110, -3.6536, -41.5794



146.1460, -1.5510, -15.9140



99.0170, -26.1374, -16.6779



73.0050, -0.9885, -9.6514



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



93.4110, -3.6536, -41.5794



115.3880, -5.6143, -66.1153



95.9990, 11.3395, -43.8491



56.8640, -0.4260, -3.3887



79.2520, -6.0402, -69.5040



162.3680, -12.5064, -142.3967

Inverse Universe

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



71.5890, 3.6536, 41.5794



80.6120, 5.6143, 66.1153



69.0010, -11.3395, 43.8491



55.0220, -0.0108, 3.4887



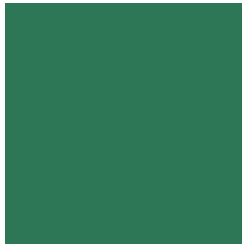
42.7480, 6.0402, 69.5040



87.6320, 12.5064, 142.3967

Previews

White Background



This preview shows how the YUV color 93.4110, -3.6536, -41.5794 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 93.4110, -3.6536, -41.5794 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 93.4110, -3.6536, -41.5794

Background



This preview shows how black text looks on a background with the YUV color 93.4110, -3.6536, -41.5794.



This preview shows how white text looks on a background with the YUV color 93.4110, -3.6536, -41.5794.

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

93.4110, -3.6536, -41.5794

Protanopia

104.5420, -12.0992, 7.4177

Deuteranopia

106.3130, -8.0423, 12.8805



Tritanopia

98.5810, 12.0386, -34.7125

Trichromacy



Original Color

93.4110, -3.6536, -41.5794

Protanomaly

100.5290, -9.1348, -10.1109

Deuteranomaly

101.6480, -6.2355, -6.7073

Tritanomaly

96.7780, 6.5184, -37.5163

Monochromacy



Original Color

93.4110, -3.6536, -41.5794

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8580, -1.4090, -14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4110, -3.6536, -41.5794 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(46, 119, 86)` looks like.

```
.text, #text, p{  
    color:rgb(46, 119, 86)  
}
```

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(46, 119, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 119, 86) }
```

Border

The CSS property to change the border of an element to YUV 93.4110, -3.6536, -41.5794 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(46, 119, 86) }
```


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

```
.border{ border-color:rgb(46, 119, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 119, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 119, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 119, 86);  
box-shadow:4px 4px 4px 4px rgb(46, 119,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 93.4110, -3.6536, -41.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 119, 86) }
```

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

```
.background{ background-color: rgb(46, 119,  
86) }
```

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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