

Converting Colors

YUV(93.4640, 2.7292, -35.4869)

Have a look what the booklet for
YUV(93.4640, 2.7292, -35.4869)
contains.

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Color

**YUV(93.4640, 2.7292,
-35.4869)**

Conversions

Conversions Part 1

Format	Color
Hex	357163
RGB	53, 113, 99
RGB Percent	21%, 44%, 39%
CMY	0.7922, 0.5569, 0.6118
CMYK	0.53, 0.00, 0.12, 0.56
HSL	166°, 36%, 33%
HSV	166°, 53%, 44%
XYZ	9.6255, 13.4680, 13.8966
YIQ	93.4640, -31.2660, -17.0740

Conversions

Conversions Part 2

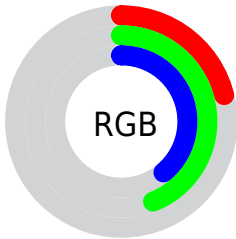
Format	Color
RYB	53, 87, 113
Decimal	3502435
CIELab	43.46, -23.24, 1.82
CIELCh	43, 23.307, 175.518
Yxy	13.4680, 0.2602, 0.3641
Android (android.graphics.Color)	4281692515 (0xFF357163)
YUV	93.4640, 2.7292, -35.4869
Hunter-Lab	36.6988, -17.4053, 3.2379




Details

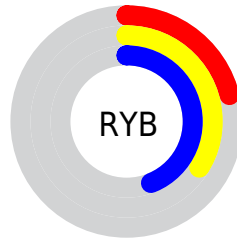
The YUV color **93.4640, 2.7292, -35.4869** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.5360, -2.7292, 35.4869**, and the grayscale version is **93.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **145.3500, 2.2925, -35.3869**, and **44.1970, 4.3399, -38.7608** is the 20% darker color. If you saturate the color by 10%, you get **89.8330, 3.0403, -41.9495**, and if you desaturate by 10%, it is **97.0950, 2.4182, -29.0243**.

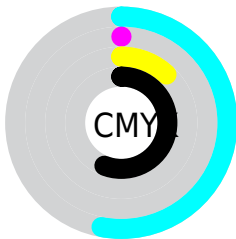
Distribution







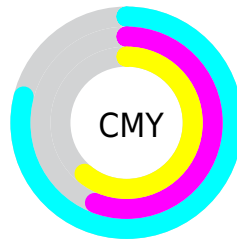
-  Red (21%)
-  Green (44%)
-  Blue (39%)






-  Red (21%)
-  Yellow (34%)
-  Blue (44%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (12%)
-  Black (56%)



-  Cyan (79%)
-  Magenta (56%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.4640, 2.7292, -35.4869 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 93.4640, 2.7292, -35.4869 by changing the saturation by 10% instead.

■ 93.4640, 2.7292,
-35.4869

■ 93.4640, 2.7292,
-35.4869

■ 255.0000, 0.0000,
0.0000

■ 67.9800, 3.4609,
-36.8165

■ 145.3500, 2.2925,
-35.3869

■ 44.1970, 4.3399,
-38.7608

■ 171.9370, 2.0031,
-35.9017

■ 28.1880, 1.3863,
-24.7209

■ 199.6380, 2.1505,
-36.5165

■ 13.2390, -2.5828,
-11.6106

■ 228.2250, 1.8611,
-37.0313

■ 0.0000, 0.0000,
0.0000

■ 242.7410, 6.0437,
-25.2059

■ 251.4120, 1.7689,

-7.3773

■ 93.4640, 2.7292,
-35.4869

■ 93.4640, 2.7292,
-35.4869

■ 89.8330, 3.0403,
-41.9495

■ 97.0950, 2.4182,
-29.0243

■ 86.0170, 3.9356,
-49.1269

■ 100.9110, 1.5229,
-21.8469

■ 82.3860, 4.2467,
-55.5895

■ 104.5420, 1.2118,
-15.3843

■ 78.7550, 4.5578,
-62.0521

■ 108.1730, 0.9007,
-8.9217

■ 76.2490, 5.3002,
-66.8704

■ 111.9890, 0.0054,
-1.7444

■ 115.6200, -0.3057,
4.7183

■ 119.1370, -1.0535,
11.2809

■ 122.7680, -1.3646,
17.7435

■ 126.6980, -1.8231,
24.8209

Harmonies

Analogous

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



97.0010, -8.3815, -18.4179



93.4640, 2.7292, -35.4869



90.3620, 14.1185, -48.5525

Triad

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



93.4640, 2.7292, -35.4869



103.9300, 16.3035, -2.5696



103.1530, -15.3584, 26.1758

Complementary

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



93.4640, 2.7292, -35.4869



72.5360, -2.7292, 35.4869

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.



104.3200, -8.5388, 32.1684



93.4640, 2.7292, -35.4869



105.3300, 9.6973, 16.3736

Square

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



93.4640, 2.7292, -35.4869



99.2370, 20.5892, -23.8868



105.0020, 0.4920, 28.9392



101.5770, -18.5255, 15.2800

Rectangle

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



93.4640, 2.7292, -35.4869



91.0400, 19.2073, -47.3931



105.0020, 0.4920, 28.9392



103.6310, -13.6221, 29.2646

Sweetspot

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



93.4640, 2.7292, -35.4869



140.1400, 0.9170, -14.1548



92.4060, -19.4272, -22.2811



69.4720, 0.7533, -8.3069



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.



93.4640, 2.7292, -35.4869



117.0870, 4.3941, -56.2043



85.6680, 13.4747, -28.6498



54.0920, 0.4476, -3.5887



80.9280, 5.4585, -70.9739



166.6490, 11.5120, -146.1512

Inverse Universe

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



72.5360, -2.7292, 35.4869



83.9130, -4.3941, 56.2043



80.3320, -13.4747, 28.6498



52.0220, -0.0108, 3.4887



39.0720, -5.4585, 70.9739



80.4650, -11.0752, 146.0512

Previews

White Background



This preview shows how the YUV color 93.4640, 2.7292, -35.4869 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 93.4640, 2.7292, -35.4869 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 93.4640, 2.7292, -35.4869

Background



This preview shows how black text looks on a background with the YUV color 93.4640, 2.7292, -35.4869.



This preview shows how white text looks on a background with the YUV color 93.4640, 2.7292, -35.4869.

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

93.4640, 2.7292, -35.4869

Protanopia

102.1700, -4.5208, 3.3589

Deuteranopia

103.2290, -0.6059, 7.6922



Tritanopia

96.0760, 11.3015, -31.6387

Trichromacy



Original Color

93.4640, 2.7292, -35.4869

Protanomaly

99.0650, -2.0040, -10.5810

Deuteranomaly

99.7710, 0.6059, -7.6922

Tritanomaly

94.9680, 8.3968, -33.2979

Monochromacy



Original Color

93.4640, 2.7292, -35.4869

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.8520, 1.0590, -13.0252

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.4640, 2.7292, -35.4869 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(53, 113, 99)` looks like.

```
.text, #text, p{  
    color:rgb(53, 113, 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(53, 113, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 113, 99) }
```

Border

The CSS property to change the border of an element to YUV 93.4640, 2.7292, -35.4869 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(53, 113, 99) }
```


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

```
.border{ border-color:rgb(53, 113, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 113, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 113, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 113, 99);  
box-shadow:4px 4px 4px 4px rgb(53, 113,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 93.4640, 2.7292, -35.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 113, 99) }
```

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

```
.background{ background-color: rgb(53, 113,  
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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