

Converting Colors

YUV(93.7670, 46.9499,
-32.2447)

Have a look what the booklet for
YUV(93.7670, 46.9499, -32.2447)
contains.

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Color

**YUV(93.7670, 46.9499,
-32.2447)**

Conversions

Conversions Part 1

Format	Color
Hex	395EBD
RGB	57, 94, 189
RGB Percent	22%, 37%, 74%
CMY	0.7765, 0.6314, 0.2588
CMYK	0.70, 0.50, 0.00, 0.26
HSL	223°, 54%, 48%
HSV	223°, 70%, 74%
XYZ	14.8754, 12.5494, 49.7824
YIQ	93.7670, -52.5470, 21.7010

Conversions

Conversions Part 2

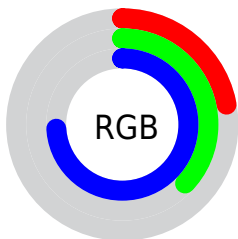
Format	Color
RYB	57, 86, 189
Decimal	3759805
CIELab	42.08, 19.12, -53.94
CIELCh	42, 57.233, 289.518
Yxy	12.5494, 0.1927, 0.1625
Android (android.graphics.Color)	4281949885 (0xFF395EBD)
YUV	93.7670, 46.9499, -32.2447
Hunter-Lab	35.4251, 12.9600, -58.5217

Details

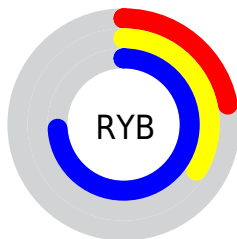
The YUV color **93.7670, 46.9499, -32.2447** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **152.2330, -46.9499, 32.2447**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.1530, 48.2386, -25.5672**, and **44.1530, 44.7876, -38.7222** is the 20% darker color. If you saturate the color by 10%, you get **79.8680, 53.8021, -36.7182**, and if you desaturate by 10%, it is **107.6660, 40.0977, -27.7711**.

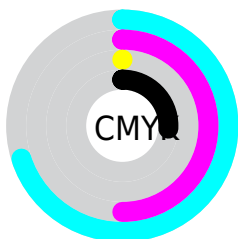
Distribution



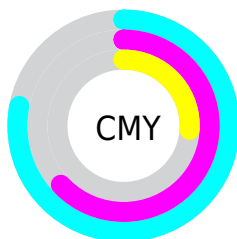
- Red (22%)
- Green (37%)
- Blue (74%)



- Red (22%)
- Yellow (34%)
- Blue (74%)



- Cyan (70%)
- Magenta (50%)
- Yellow (0%)
- Black (26%)



- Cyan (78%)
- Magenta (63%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.7670, 46.9499, -32.2447 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 93.7670, 46.9499, -32.2447 by changing the saturation by 10% instead.

■ 93.7670, 46.9499,
-32.2447

■ 93.7670, 46.9499,
-32.2447

■ 255.0000, 0.0000,
0.0000

■ 62.5370, 49.0353,
-47.8289

■ 148.1530, 48.2386,
-25.5672

■ 44.1530, 44.7876,
-38.7222

■ 173.1120, 40.3708,
-22.0232

■ 29.4490, 39.2186,
-25.8268

■ 197.9310, 28.1350,
-17.4795

■ 11.9240, 35.5335,
-10.4573

■ 223.0380, 15.7573,
-14.0653

■ 10.3620, 24.4715,
-9.0875

■ 249.0310, 2.9427,
-10.5512

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 93.7670, 46.9499,
-32.2447

■ 93.7670, 46.9499,
-32.2447

■ 79.8680, 53.8021,
-36.7182

■ 107.6660, 40.0977,
-27.7711

■ 66.5560, 60.3649,
-41.7066

■ 120.9780, 33.5348,
-22.7827

■ 52.6570, 67.2171,
-46.1802

■ 134.8770, 26.6826,
-18.3091

■ 148.1890, 20.1198,
-13.3208

■ 162.0880, 13.2676,
-8.8472

■ 175.6880, 6.5628,
-4.9884

■ 189.0000, 0.0000,
0.0000

■ 202.8990, -6.8522,
4.4736

■ 216.2110,
-13.4150, 9.4620

Harmonies

Analogous

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



86.5720, 52.4690, -75.9236



93.7670, 46.9499, -32.2447



101.5920, 29.2881, 32.8068

Triad

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



93.7670, 46.9499, -32.2447



93.6880, -33.3702, 63.4176



79.0870, 0.9431, -69.3593

Complementary

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



93.7670, 46.9499, -32.2447



152.2330, -46.9499, 32.2447

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.



77.7310, -22.5454, -48.8761



93.7670, 46.9499, -32.2447



93.4830, -46.0871, 35.5334

Square

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



93.7670, 46.9499, -32.2447



91.2750, -9.9956, 79.5658



89.4310, -44.0895, 1.3760



85.2600, 22.0568, -74.7730

Rectangle

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



93.7670, 46.9499, -32.2447



97.0810, 17.7081, 60.4420



89.4310, -44.0895, 1.3760



76.5620, -6.1931, -67.1449

Sweetspot

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



93.7670, 46.9499, -32.2447



207.7330, 18.3726, -12.9208



145.3140, 3.2962, -77.4514



100.1160, 10.7888, -7.1177



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



93.7670, 46.9499, -32.2447



96.5300, 73.1957, -50.4538



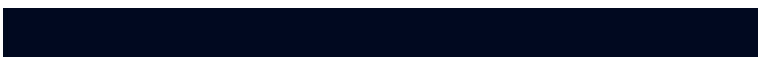
80.7190, 53.3825, 4.6314



87.7870, 3.0630, -2.4442



43.8400, 56.2809, -38.4477



8.8170, 10.9362, -7.7325

Inverse Universe

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



100.6860, -3.2962, 77.4514



107.2060, -5.0316, 120.8453



165.2810, -53.3825, -4.6314



88.0330, -0.0163, 5.2331



52.2580, -4.0712, 92.7357



10.2950, -0.6384, 18.1583

Previews

White Background



This preview shows how the YUV color 93.7670, 46.9499, -32.2447 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 93.7670, 46.9499, -32.2447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

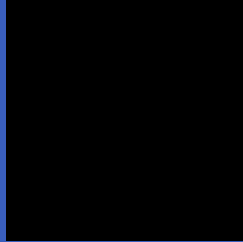
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.7670, 46.9499, -32.2447

Background



This preview shows how black text looks on a background with the YUV color 93.7670, 46.9499, -32.2447.



This preview shows how white text looks on a background with the YUV color 93.7670, 46.9499,

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

93.7670, 46.9499, -32.2447

Protanopia

90.9830, 49.3084, -42.0811

Deuteranopia

79.4650, 48.0848, -69.6908



Tritanopia

78.0220, 19.7092, -68.4253

Trichromacy



Original Color

93.7670, 46.9499, -32.2447

Protanomaly

91.7770, 48.4239, -38.3924

Deuteranomaly

84.4390, 47.6046, -55.6360

Tritanomaly

83.7430, 29.7067, -55.0256

Monochromacy



Original Color

93.7670, 46.9499, -32.2447

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1030, 17.2042, -11.4913

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.7670, 46.9499, -32.2447 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(57, 94, 189)` looks like.

```
.text, #text, p{  
    color:rgb(57, 94, 189)  
}
```

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(57, 94, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 94, 189) }
```

Border

The CSS property to change the border of an element to YUV 93.7670, 46.9499, -32.2447 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(57, 94, 189) }
```


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

```
.border{ border-color:rgb(57, 94, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 94, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 94, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 94, 189);  
box-shadow:4px 4px 4px 4px rgb(57, 94,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 93.7670, 46.9499, -32.2447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 94, 189) }
```

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

```
.background{ background-color: rgb(57, 94,  
189) }
```

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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