

Converting Colors

YUV(97.6970, 46.4914,
-25.1673)

Have a look what the booklet for
YUV(97.6970, 46.4914, -25.1673)
contains.

YUV(97.6970, 46.4914, -25.1673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(97.6970, 46.4914,
-25.1673)**

Conversions

Conversions Part 1

Format	Color
Hex	455EC0
RGB	69, 94, 192
RGB Percent	27%, 37%, 75%
CMY	0.7294, 0.6314, 0.2471
CMYK	0.64, 0.51, 0.00, 0.25
HSL	228°, 49%, 51%
HSV	228°, 64%, 75%
XYZ	15.9714, 13.0764, 51.5514
YIQ	97.6970, -46.3580, 25.1780

Conversions

Conversions Part 2

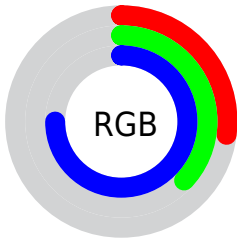
Format	Color
RYB	69, 90, 192
Decimal	4546240
CIELab	42.88, 22.13, -54.37
CIELCh	43, 58.696, 292.147
Yxy	13.0764, 0.1982, 0.1622
Android (android.graphics.Color)	4282736320 (0xFF455EC0)
YUV	97.6970, 46.4914, -25.1673
Hunter-Lab	36.1613, 15.5559, -59.2107

Details

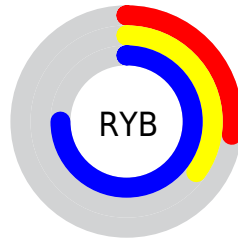
The YUV color **97.6970, 46.4914, -25.1673** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **163.3030, -46.4914, 25.1673**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4850, 48.0749, -19.7193**, and **44.4950, 46.0980, -39.0221** is the 20% darker color. If you saturate the color by 10%, you get **83.2110, 53.6330, -29.1260**, and if you desaturate by 10%, it is **112.1830, 39.3498, -21.2085**.

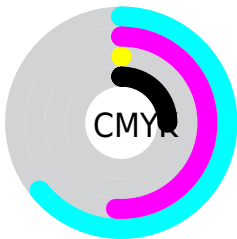
Distribution



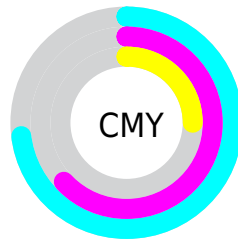
- Red (27%)
- Green (37%)
- Blue (75%)



- Red (27%)
- Yellow (35%)
- Blue (75%)



- Cyan (64%)
- Magenta (51%)
- Yellow (0%)
- Black (25%)



- Cyan (73%)
- Magenta (63%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.6970, 46.4914, -25.1673 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 97.6970, 46.4914, -25.1673 by changing the saturation by 10% instead.

■ 97.6970, 46.4914,
-25.1673

■ 97.6970, 46.4914,
-25.1673

■ 255.0000, 0.0000,
0.0000

■ 70.2400, 46.2237,
-32.6595

■ 151.4850, 48.0749,
-19.7193

■ 44.4950, 46.0980,
-39.0221

■ 176.1020, 38.8967,
-15.8755

■ 29.7910, 40.5290,
-26.1267

■ 201.2090, 26.5190,
-12.4613

■ 12.8530, 36.5545,
-11.2721

■ 226.6150, 13.9938,
-8.4324

■ 10.5900, 25.3451,
-9.2874

■ 251.7220, 1.6161,
-5.0182

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 97.6970, 46.4914,
-25.1673

■ 97.6970, 46.4914,
-25.1673

■ 83.2110, 53.6330,
-29.1260

■ 112.1830, 39.3498,
-21.2085

■ 68.1380, 61.0640,
-32.5700

■ 127.2560, 31.9188,
-17.7645

■ 53.3530, 68.3530,
-37.1436

■ 142.0410, 24.6298,
-13.1910

■ 44.7810, 72.5790,
-39.2729

■ 156.5270, 17.4882,
-9.2322

■ 171.0130, 10.3466,
-5.2734

■ 186.0860, 2.9156,
-1.8294

■ 200.5720, -4.2260,
2.1294

■ 215.3570,
-11.5150, 6.7029

■ 230.4300,
-18.9460, 10.1469

Harmonies

Analogous

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



87.7290, 54.3636, -76.9383



97.6970, 46.4914, -25.1673



103.2120, 28.9825, 37.5251

Triad

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



97.6970, 46.4914, -25.1673



95.2920, -36.1330, 62.8879



81.4180, 2.2589, -71.4036

Complementary

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



97.6970, 46.4914, -25.1673



163.3030, -46.4914, 25.1673

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.



73.3700, -18.4234, -64.3455



97.6970, 46.4914, -25.1673



95.5320, -47.0973, 32.8594

Square

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



97.6970, 46.4914, -25.1673



93.0040, -12.3270, 80.6805



90.2950, -44.5154, -2.0127



87.8190, 24.2462, -77.0173

Rectangle

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



97.6970, 46.4914, -25.1673



97.5870, 16.9656, 65.2602



90.2950, -44.5154, -2.0127



79.0070, -4.4405, -69.2891

Sweetspot

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



97.6970, 46.4914, -25.1673



213.3420, 18.0724, -9.9469



152.1450, 6.3375, -72.9182



102.8280, 10.9308, -5.9882



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



97.6970, 46.4914, -25.1673



102.4820, 72.7264, -39.8877



93.4870, 48.5669, 9.2199



89.3140, 3.7892, -2.0294



37.7250, 60.7746, -33.0848



7.8710, 12.3886, -6.9029

Inverse Universe

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



108.6270, -7.2111, 73.1181



119.2670, -10.9776, 114.6528



167.5130, -48.5669, -9.2199



90.2180, -0.6005, 5.9478



51.9010, -9.3182, 95.6798



10.6650, -1.8068, 19.5878

Previews

White Background



This preview shows how the YUV color 97.6970, 46.4914, -25.1673 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 97.6970, 46.4914, -25.1673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

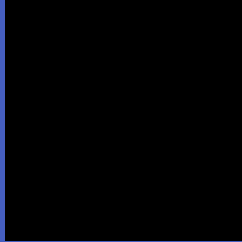
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.6970, 46.4914, -25.1673

Background



This preview shows how black text looks on a background with the YUV color 97.6970, 46.4914, -25.1673.



This preview shows how white text looks on a background with the YUV color 97.6970, 46.4914, -25.1673.

-25.1673.

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

97.6970, 46.4914, -25.1673

Protanopia

92.4280, 51.0610, -44.2254

Deuteranopia

81.0950, 49.2532, -71.1203



Tritanopia

86.3120, 16.6082, -53.7706

Trichromacy



Original Color

97.6970, 46.4914, -25.1673

Protanomaly

94.7170, 49.4395, -37.4628

Deuteranomaly

87.2650, 48.1834, -54.6064

Tritanomaly

90.5380, 27.3428, -43.4448

Monochromacy



Original Color

97.6970, 46.4914, -25.1673

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0000, 16.7620, -9.6470

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.6970, 46.4914, -25.1673 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(69, 94, 192)` looks like.

```
.text, #text, p{  
    color:rgb(69, 94, 192)  
}
```

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(69, 94, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 94, 192) }
```

Border

The CSS property to change the border of an element to YUV 97.6970, 46.4914, -25.1673 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(69, 94, 192) }
```


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

```
.border{ border-color:rgb(69, 94, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 94, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 94, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 94, 192);  
box-shadow:4px 4px 4px 4px rgb(69, 94,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 97.6970, 46.4914, -25.1673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 94, 192) }
```

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

```
.background{ background-color: rgb(69, 94,  
192) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor