

Converting Colors

YUV(96.3850, 36.2922,
-20.5086)

Have a look what the booklet for
YUV(96.3850, 36.2922, -20.5086)
contains.

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Color

**YUV(96.3850, 36.2922,
-20.5086)**

Conversions

Conversions Part 1

Format	Color
Hex	495EAA
RGB	73, 94, 170
RGB Percent	29%, 37%, 67%
CMY	0.7137, 0.6314, 0.3333
CMYK	0.57, 0.45, 0.00, 0.33
HSL	227°, 40%, 48%
HSV	227°, 57%, 67%
XYZ	14.0061, 12.3242, 39.6708
YIQ	96.3850, -36.9120, 19.1840

Conversions

Conversions Part 2

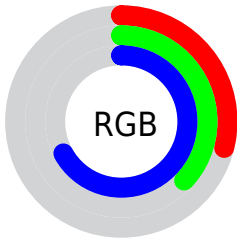
Format	Color
R _Y B	73, 90, 170
Decimal	4808362
CIE Lab	41.73, 15.27, -43.32
CIE LCh	42, 45.931, 289.424
Yxy	12.3242, 0.2122, 0.1867
Android (android.graphics.Color)	4282998442 (0xFF495EAA)
YUV	96.3850, 36.2922, -20.5086
Hunter-Lab	35.1058, 9.7806, -42.4258

Details

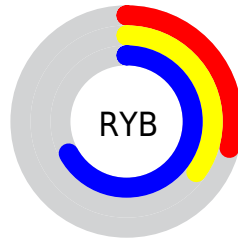
The YUV color **96.3850, 36.2922, -20.5086** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **146.6150, -36.2922, 20.5086**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8630, 38.0285, -17.4199**, and **42.1010, 36.9252, -36.9226** is the 20% darker color. If you saturate the color by 10%, you get **83.6710, 42.5602, -24.2675**, and if you desaturate by 10%, it is **109.0990, 30.0242, -16.7498**.

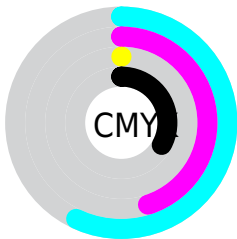
Distribution



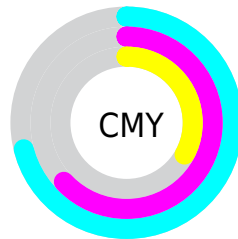
- Red (29%)
- Green (37%)
- Blue (67%)



- Red (29%)
- Yellow (35%)
- Blue (67%)



- Cyan (57%)
- Magenta (45%)
- Yellow (0%)
- Black (33%)



- Cyan (71%)
- Magenta (63%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3850, 36.2922, -20.5086 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 96.3850, 36.2922, -20.5086 by changing the saturation by 10% instead.

■ 96.3850, 36.2922,
-20.5086

■ 96.3850, 36.2922,
-20.5086

■ 255.0000, 0.0000,
0.0000

■ 70.8360, 35.5769,
-24.4122

■ 148.8630, 38.0285,
-17.4199

■ 42.1010, 36.9252,
-36.9226

■ 175.8030, 39.0441,
-16.4902

■ 26.9240, 32.0825,
-23.6123

■ 200.6110, 26.8138,
-13.6908

■ 8.9260, 29.1235,
-7.8281

■ 225.7180, 14.4360,
-10.2767

■ 6.8910, 18.7877,
-6.0434

■ 250.8250, 2.0583,
-6.8625

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 96.3850, 36.2922,
-20.5086

■ 96.3850, 36.2922,
-20.5086

■ 83.6710, 42.5602,
-24.2675

■ 109.0990, 30.0242,
-16.7498

■ 70.3700, 49.1176,
-27.5115

■ 122.4000, 23.4668,
-13.5058

■ 57.6560, 55.3856,
-31.2703

■ 135.1140, 17.1988,
-9.7470

■ 44.9420, 61.6536,
-35.0291

■ 147.8280, 10.9308,
-5.9882

■ 41.0990, 63.5482,
-36.0438

■ 161.1290, 4.3734,
-2.7441

■ 173.8430, -1.8946,
1.0147

■ 186.5570, -8.1626,
4.7735

■ 199.8580,
-14.7200, 8.0175

■ 212.5720,
-20.9880, 11.7764

Harmonies

Analogous

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



82.5310, 44.6012, -72.3797



96.3850, 36.2922, -20.5086



101.2400, 23.0527, 26.0995

Triad

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



96.3850, 36.2922, -20.5086



95.7450, -26.4963, 51.9666



77.5540, 2.6849, -68.0149

Complementary

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



96.3850, 36.2922, -20.5086



146.6150, -36.2922, 20.5086

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.



85.0410, -19.2472, -33.3620



96.3850, 36.2922, -20.5086



94.3990, -38.6507, 30.3451

Square

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



96.3850, 36.2922, -20.5086



96.1650, -9.9413, 62.1223



91.0920, -36.5274, 2.5503



82.0000, 19.7200, -71.9140

Rectangle

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



96.3850, 36.2922, -20.5086



99.4400, 13.0941, 46.9721



91.0920, -36.5274, 2.5503



75.4850, -2.7041, -66.2003

Sweetspot

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



96.3850, 36.2922, -20.5086



193.0280, 14.2832, -7.9176



138.6030, 5.1257, -57.5338



95.4430, 8.1626, -4.7735



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



96.3850, 36.2922, -20.5086



107.5850, 56.4066, -32.0850



92.1310, 38.3894, 6.9011



78.0860, 2.9156, -1.8294



35.6560, 55.3856, -31.2703



4.6280, 7.5784, -4.0588

Inverse Universe

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



104.3970, -5.1257, 57.5338



119.9110, -7.8441, 89.5321



150.8690, -38.3894, -6.9011



78.6200, -0.3057, 4.7183



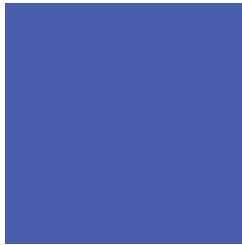
47.9000, -7.8387, 87.7877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 96.3850, 36.2922, -20.5086 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 96.3850, 36.2922, -20.5086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

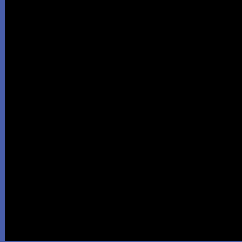
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3850, 36.2922, -20.5086

Background



This preview shows how black text looks on a background with the YUV color 96.3850, 36.2922, -20.5086.



This preview shows how white text looks on a background with the YUV color 96.3850, 36.2922, -20.5086.

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

96.3850, 36.2922, -20.5086

Protanopia

95.0960, 37.9137, -27.2712

Deuteranopia

90.5350, 38.6832, -40.8112



Tritanopia

90.5810, 12.0386, -34.7125

Trichromacy



Original Color

96.3850, 36.2922, -20.5086

Protanomaly

95.2920, 37.3240, -24.8121

Deuteranomaly

92.6500, 37.6405, -33.0191

Tritanomaly

92.9050, 20.7528, -29.7347

Monochromacy



Original Color

96.3850, 36.2922, -20.5086

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

96.0990, 13.2622, -7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3850, 36.2922, -20.5086 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(73, 94, 170)` looks like.

```
.text, #text, p{  
    color:rgb(73, 94, 170)  
}
```

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(73, 94, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 94, 170) }
```

Border

The CSS property to change the border of an element to YUV 96.3850, 36.2922, -20.5086 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(73, 94, 170) }
```


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

```
.border{ border-color:rgb(73, 94, 170) }
```

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

Here you see how a box with a 4 pixel rgb(73, 94, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 94, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 94, 170);  
box-shadow:4px 4px 4px 4px rgb(73, 94,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 96.3850, 36.2922, -20.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 94, 170) }
```

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

```
.background{ background-color: rgb(73, 94,  
170) }
```

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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