

Converting Colors

YUV(92.8910, 35.5497,
-15.6904)

Have a look what the booklet for
YUV(92.8910, 35.5497, -15.6904)
contains.

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Color

**YUV(92.8910, 35.5497,
-15.6904)**

Conversions

Conversions Part 1

Format	Color
Hex	4B58A5
RGB	75, 88, 165
RGB Percent	29%, 35%, 65%
CMY	0.7059, 0.6549, 0.3529
CMYK	0.55, 0.47, 0.00, 0.35
HSL	231°, 38%, 47%
HSV	231°, 55%, 65%
XYZ	13.1829, 11.1919, 37.0628
YIQ	92.8910, -32.4650, 21.1910

Conversions

Conversions Part 2

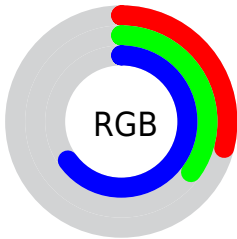
Format	Color
R_{YB}	75, 86, 165
Decimal	4937893
CIE _{Lab}	39.90, 17.86, -43.26
CIE _{LCh}	40, 46.804, 292.435
Yxy	11.1919, 0.2146, 0.1822
Android (android.graphics.Color)	4283127973 (0xFF4B58A5)
YUV	92.8910, 35.5497, -15.6904
Hunter-Lab	33.4543, 11.7941, -42.2671

Details

The YUV color **92.8910, 35.5497, -15.6904** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **147.1090, -35.5497, 15.6904**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.0700, 37.4335, -13.2164**, and **40.1020, 35.4457, -29.0305** is the 20% darker color. If you saturate the color by 10%, you get **79.8890, 41.9597, -18.3197**, and if you desaturate by 10%, it is **106.1920, 28.9923, -12.4464**.

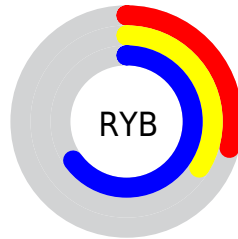
Distribution



Red (29%)

Green (35%)

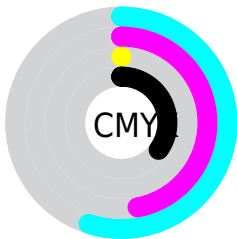
Blue (65%)



Red (29%)

Yellow (34%)

Blue (65%)

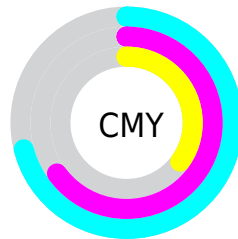


Cyan (55%)

Magenta (47%)

Yellow (0%)

Black (35%)



Cyan (71%)

Magenta (65%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.8910, 35.5497, -15.6904 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 92.8910, 35.5497, -15.6904 by changing the saturation by 10% instead.

■ 92.8910, 35.5497,
-15.6904

■ 92.8910, 35.5497,
-15.6904

■ 255.0000, 0.0000,
0.0000

■ 67.6410, 34.6870,
-18.9792

■ 145.0700, 37.4335,
-13.2164

■ 40.1020, 35.4457,
-29.0305

■ 171.8960, 38.0123,
-12.1868

■ 23.4190, 31.3454,
-20.5385

■ 196.8010, 28.6921,
-9.4725

■ 7.2960, 27.9551,
-6.3986

■ 221.9080, 16.3144,
-6.0583

■ 6.4350, 17.0405,
-5.6435

■ 247.0150, 3.9366,
-2.6442

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 92.8910, 35.5497,
-15.6904

■ 92.8910, 35.5497,
-15.6904

■ 79.8890, 41.9597,
-18.3197

■ 106.1920, 28.9923,
-12.4464

■ 66.5880, 48.5171,
-21.5637

■ 119.1940, 22.5824,
-9.8171

■ 53.5860, 54.9271,
-24.1929

■ 132.4950, 16.0250,
-6.5731

■ 40.2850, 61.4845,
-27.4369

■ 145.4970, 9.6150,
-3.9439

■ 32.8980, 65.1263,
-28.8515

■ 159.0860, 2.9156,
-1.8294

■ 172.3870, -3.6418,
1.4146

■ 185.3890,
-10.0518, 4.0438

■ 198.6900,
-16.6092, 7.2879

■ 211.6920,
-23.0192, 9.9171

Harmonies

Analogous

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



78.6670, 45.0272, -68.9910



92.8910, 35.5497, -15.6904



96.9200, 21.7314, 29.8882

Triad

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



92.8910, 35.5497, -15.6904



90.8650, -28.5274, 50.1074



74.6190, 4.1318, -65.4409

Complementary

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



92.8910, 35.5497, -15.6904



147.1090, -35.5497, 15.6904

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.



78.2790, -16.8995, -39.7097



92.8910, 35.5497, -15.6904



88.9920, -41.4081, 28.0710

Square

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



92.8910, 35.5497, -15.6904



90.7090, -11.6885, 62.5222



85.9560, -36.9533, -0.8384



79.6520, 20.8776, -69.8548

Rectangle

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



92.8910, 35.5497, -15.6904



94.4080, 11.6309, 49.6312



85.9560, -36.9533, -0.8384



72.5500, -1.2571, -63.6263

Sweetspot

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



92.8910, 35.5497, -15.6904



186.8110, 13.4042, -5.9732



136.4940, 7.1515, -53.9302



91.0410, 7.8678, -3.5440



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



92.8910, 35.5497, -15.6904



102.5860, 54.9271, -24.1929



94.5290, 34.7422, 10.0601



75.2000, 3.3524, -1.9294



28.8570, 57.2585, -25.3076



3.8130, 6.9942, -3.3440

Inverse Universe

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



103.3920, -7.5883, 54.0302



118.8410, -11.7536, 83.4544



145.1720, -34.5948, -10.6748



75.9190, -0.4531, 5.3330



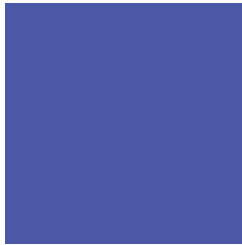
45.7490, -12.2013, 87.0431



5.7240, -1.3429, 10.7661

Previews

White Background



This preview shows how the YUV color 92.8910, 35.5497, -15.6904 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 92.8910, 35.5497, -15.6904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

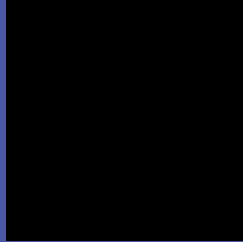
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.8910, 35.5497, -15.6904

Background



This preview shows how black text looks on a background with the YUV color 92.8910, 35.5497, -15.6904.



This preview shows how white text looks on a background with the YUV color 92.8910, 35.5497, -15.6904.

-15.6904.

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

92.8910, 35.5497, -15.6904

Protanopia

89.6120, 38.6453, -28.6007

Deuteranopia

85.4100, 38.2519, -42.4556



Tritanopia

88.1580, 10.2751, -29.0796

Trichromacy



Original Color

92.8910, 35.5497, -15.6904

Protanomaly

91.0040, 37.4660, -23.6825

Deuteranomaly

87.9490, 37.4931, -32.4043

Tritanomaly

89.5960, 19.4262, -24.2017

Monochromacy



Original Color

92.8910, 35.5497, -15.6904

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.6970, 12.9674, -5.8733

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.8910, 35.5497, -15.6904 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(75, 88, 165)` looks like.

```
.text, #text, p{  
    color:rgb(75, 88, 165)  
}
```

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(75, 88, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 88, 165) }
```

Border

The CSS property to change the border of an element to YUV 92.8910, 35.5497, -15.6904 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(75, 88, 165) }
```


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

```
.border{ border-color:rgb(75, 88, 165) }
```

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

Here you see how a box with a 4 pixel rgb(75, 88, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 88, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 88, 165);  
box-shadow:4px 4px 4px 4px rgb(75, 88,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 92.8910, 35.5497, -15.6904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 88, 165) }
```

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

```
.background{ background-color: rgb(75, 88,  
165) }
```

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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