

Converting Colors

YUV(90.9390, 39.4701,
-13.1015)

Have a look what the booklet for
YUV(90.9390, 39.4701, -13.1015)
contains.

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Color

**YUV(90.9390, 39.4701,
-13.1015)**

Conversions

Conversions Part 1

Format	Color
Hex	4C53AB
RGB	76, 83, 171
RGB Percent	30%, 33%, 67%
CMY	0.7020, 0.6745, 0.3294
CMYK	0.56, 0.51, 0.00, 0.33
HSL	236°, 38%, 48%
HSV	236°, 56%, 67%
XYZ	13.4244, 10.6633, 39.8788
YIQ	90.9390, -32.4200, 25.8840

Conversions

Conversions Part 2

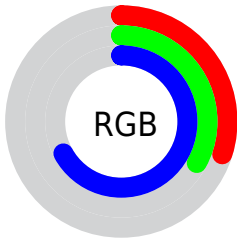
Format	Color
R_{YB}	76, 83, 171
Decimal	5002155
CIE _{Lab}	39.01, 23.29, -48.25
CIE _{LCh}	39, 53.580, 295.762
Yxy	10.6633, 0.2099, 0.1667
Android (android.graphics.Color)	4283192235 (0xFF4C53AB)
YUV	90.9390, 39.4701, -13.1015
Hunter-Lab	32.6547, 16.2361, -49.5482

Details

The YUV color **90.9390, 39.4701, -13.1015** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **156.0610, -39.4701, 13.1015**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8300, 41.4958, -9.4979**, and **37.2420, 39.8137, -30.0302** is the 20% darker color. If you saturate the color by 10%, you get **76.4640, 46.6062, -15.3159**, and if you desaturate by 10%, it is **105.4140, 32.3339, -10.8871**.

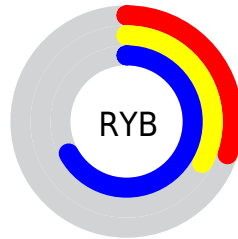
Distribution



Red (30%)

Green (33%)

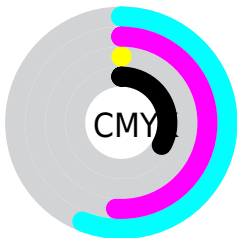
Blue (67%)



Red (30%)

Yellow (33%)

Blue (67%)

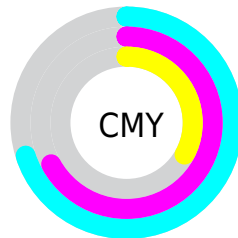


Cyan (56%)

Magenta (51%)

Yellow (0%)

Black (33%)



Cyan (70%)

Magenta (67%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.9390, 39.4701, -13.1015 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 90.9390, 39.4701, -13.1015 by changing the saturation by 10% instead.

■ 90.9390, 39.4701,
-13.1015

■ 90.9390, 39.4701,
-13.1015

■ 255.0000, 0.0000,
0.0000

■ 65.3900, 38.7547,
-17.0050

■ 142.8300, 41.4958,
-9.4979

■ 37.2420, 39.8137,
-30.0302

■ 169.6560, 42.0746,
-8.4683

■ 21.7550, 35.1238,
-19.0791

■ 194.1760, 29.9862,
-4.5394

■ 7.8660, 30.1391,
-6.8985

■ 218.9840, 17.7559,
-1.7400

■ 6.8910, 18.7877,
-6.0434

■ 244.3900, 5.2307,
2.2890

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 90.9390, 39.4701,
-13.1015

■ 90.9390, 39.4701,
-13.1015

■ 76.4640, 46.6062,
-15.3159

■ 105.4140, 32.3339,
-10.8871

■ 61.9890, 53.7424,
-17.5304

■ 119.8890, 25.1977,
-8.6727

■ 47.5140, 60.8786,
-19.7448

■ 134.3640, 18.0615,
-6.4582

■ 33.6260, 67.7254,
-22.4740

■ 148.2520, 11.2148,
-3.7290

■ 27.1250, 70.9304,
-23.7886

■ 162.7270, 4.0786,
-1.5146

■ 177.5010, -3.2050,
1.3146

■ 191.9760,
-10.3412, 3.5290

■ 206.4510,
-17.4773, 5.7435

■ 220.9260,
-24.6135, 7.9579

Harmonies

Analogous

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



78.5190, 49.5371, -68.8612



90.9390, 39.4701, -13.1015



93.2570, 24.0303, 39.2396

Triad

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



90.9390, 39.4701, -13.1015



86.4650, -35.2322, 53.9662



74.7330, 4.5686, -65.5408

Complementary

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



90.9390, 39.4701, -13.1015



156.0610, -39.4701, 13.1015

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.



67.8420, -14.2191, -59.4974



90.9390, 39.4701, -13.1015



86.6390, -42.7130, 26.6266

Square

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



90.9390, 39.4701, -13.1015



84.8950, -13.7522, 71.1291



81.1250, -39.9946, -5.3716



79.8630, 24.2245, -70.0399

Rectangle

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



90.9390, 39.4701, -13.1015



88.7130, 12.4665, 61.6417



81.1250, -39.9946, -5.3716



72.4360, -1.6939, -63.5264

Sweetspot

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



90.9390, 39.4701, -13.1015



190.0930, 15.7302, -5.3436



141.6830, 10.5093, -57.6040



93.0950, 9.3202, -2.7143



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.



90.9390, 39.4701, -13.1015



96.4430, 61.8996, -20.5595



98.7900, 35.5995, 15.0932



79.6130, 3.6418, -1.4146



23.5570, 62.3364, -20.6595



3.7960, 9.4676, -3.3291

Inverse Universe

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



105.2030, -10.9461, 57.7040



118.8050, -17.1589, 90.5020



148.2100, -35.5995, -15.0932



80.8050, -0.8899, 5.4330



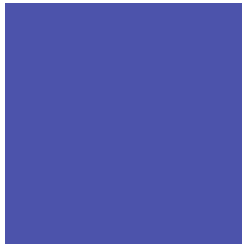
46.1040, -17.3063, 91.1168



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 90.9390, 39.4701, -13.1015 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 90.9390, 39.4701, -13.1015 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 90.9390, 39.4701, -13.1015

Background



This preview shows how black text looks on a background with the YUV color 90.9390, 39.4701, -13.1015.



This preview shows how white text looks on a background with the YUV color 90.9390, 39.4701,

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

90.9390, 39.4701, -13.1015

Protanopia

84.3810, 45.6612, -38.9221

Deuteranopia

73.4010, 45.1583, -64.3727



Tritanopia

85.8590, 10.4225, -29.6943

Trichromacy



Original Color

90.9390, 39.4701, -13.1015

Protanomaly

86.8660, 43.4501, -29.7005

Deuteranomaly

79.6530, 43.0621, -45.2997

Tritanomaly

87.6500, 20.8785, -23.3721

Monochromacy



Original Color

90.9390, 39.4701, -13.1015

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.0500, 14.2723, -4.4289

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.9390, 39.4701, -13.1015 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(76, 83, 171)` looks like.

```
.text, #text, p{  
    color:rgb(76, 83, 171)  
}
```

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(76, 83, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 83, 171) }
```

Border

The CSS property to change the border of an element to YUV 90.9390, 39.4701, -13.1015 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(76, 83, 171) }
```


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

```
.border{ border-color:rgb(76, 83, 171) }
```

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

Here you see how a box with a 4 pixel rgb(76, 83, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 83, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 83, 171);  
box-shadow:4px 4px 4px 4px rgb(76, 83,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 90.9390, 39.4701, -13.1015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 83, 171) }
```

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

```
.background{ background-color: rgb(76, 83,  
171) }
```

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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