

Converting Colors

YUV(75.1110, 35.4413, 19.1967)

Have a look what the booklet for
YUV(75.1110, 35.4413, 19.1967)
contains.

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Color

**YUV(75.1110, 35.4413,
19.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	613293
RGB	97, 50, 147
RGB Percent	38%, 20%, 58%
CMY	0.6196, 0.8039, 0.4235
CMYK	0.34, 0.66, 0.00, 0.42
HSL	269°, 49%, 39%
HSV	269°, 66%, 58%
XYZ	11.3368, 6.9292, 28.3437
YIQ	75.1110, -3.1250, 40.1310

Conversions

Conversions Part 2

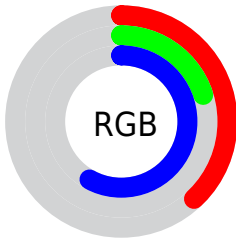
Format	Color
R_{YB}	97, 50, 147
Decimal	6369939
CIE _{Lab}	31.65, 40.76, -45.55
CIE _{LCh}	32, 61.126, 311.819
Yxy	6.9292, 0.2432, 0.1487
Android (android.graphics.Color)	4284560019 (0xFF613293)
YUV	75.1110, 35.4413, 19.1967
Hunter-Lab	26.3233, 30.8099, -45.4143

Details

The YUV color **75.1110, 35.4413, 19.1967** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **121.8890, -35.4413, -19.1967**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.2900, 37.3250, 21.6707**, and **23.9860, 35.0099, 17.5523** is the 20% darker color. If you saturate the color by 10%, you get **63.9140, 40.9614, 22.0004**, and if you desaturate by 10%, it is **86.3080, 29.9212, 16.3929**.

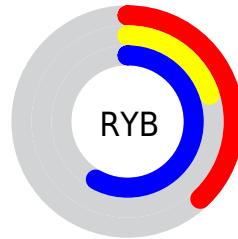
Distribution



Red (38%)

Green (20%)

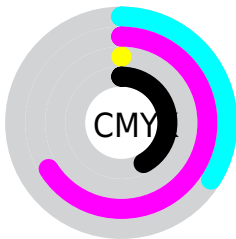
Blue (58%)



Red (38%)

Yellow (20%)

Blue (58%)

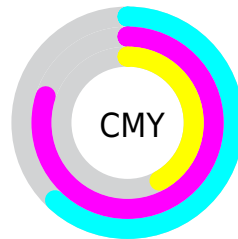


Cyan (34%)

Magenta (66%)

Yellow (0%)

Black (42%)



Cyan (62%)

Magenta (80%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.1110, 35.4413, 19.1967 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 75.1110, 35.4413, 19.1967 by changing the saturation by 10% instead.

■ 75.1110, 35.4413,
19.1967

■ 75.1110, 35.4413,
19.1967

■ 255.0000, 0.0000,
0.0000

■ 50.2850, 34.8625,
18.1671

■ 126.2900, 37.3250,
21.6707

■ 23.9860, 35.0099,
17.5523

■ 153.1160, 37.9038,
22.7003

■ 13.7750, 28.2119,
4.5823

■ 180.1870, 36.8828,
23.5150

■ 5.4720, 20.9663,
-4.7989

■ 205.0060, 24.6470,
28.0587

■ 3.5510, 11.0674,
-3.1142

■ 226.8240, 13.8908,
24.7104

■ 0.0000, 0.0000,
0.0000

■ 243.2600, 5.7878,

10.2960

■ 75.1110, 35.4413,
19.1967

■ 75.1110, 35.4413,
19.1967

■ 63.9140, 40.9614,
22.0004

■ 86.3080, 29.9212,
16.3929

■ 53.6030, 46.0447,
24.9042

■ 96.6190, 24.8378,
13.4891

■ 42.4060, 51.5648,
27.7079

■ 107.8160, 19.3177,
10.6854

■ 37.9870, 53.7434,
28.9524

■ 118.7140, 13.9450,
7.2668

■ 129.3240, 8.7143,
4.9779

■ 140.2220, 3.3416,
1.5593

■ 151.4190, -2.1786,
-1.2445

■ 162.6160, -7.6987,
-4.0482

■ 172.9270,
-12.7820, -6.9520

Harmonies

Analogous

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



63.4050, 52.5513, -55.6062



75.1110, 35.4413, 19.1967



57.1890, 24.0638, 75.2562

Triad

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



75.1110, 35.4413, 19.1967



70.1920, -34.6047, 39.2966



65.7800, 13.4195, -57.6891

Complementary

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



75.1110, 35.4413, 19.1967



121.8890, -35.4413, -19.1967

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.



58.7920, -8.2785, -51.5606



75.1110, 35.4413, 19.1967



68.2110, -33.6280, 5.9540

Square

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



75.1110, 35.4413, 19.1967



62.2790, -26.2665, 71.6693



51.9550, -25.6138, -44.6875



70.3230, 33.3648, -61.6733

Rectangle

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



75.1110, 35.4413, 19.1967



54.4820, 9.6224, 87.2773



51.9550, -25.6138, -44.6875



63.8420, 5.9939, -55.9894

Sweetspot

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



75.1110, 35.4413, 19.1967



163.0130, 13.7976, 7.8816



90.4080, 27.8999, -35.4378



79.9110, 8.4249, 4.4631



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



75.1110, 35.4413, 19.1967



79.0410, 55.1958, 29.7820



89.4630, 28.3657, 48.7059



68.6950, 2.6154, 1.1445



35.7650, 50.4019, 27.3931



2.6350, 3.6309, 2.0741

Inverse Universe

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



84.7030, 7.5414, 54.6345



94.0410, 11.8118, 85.0330



107.5370, -28.3657, -48.7059



69.4350, 0.2785, 4.0035



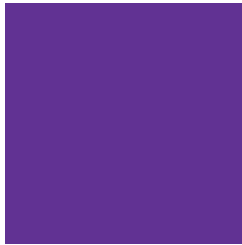
49.3560, 10.6705, 77.7408



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 75.1110, 35.4413, 19.1967 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 ✓ Pass

Black Background



This preview shows how the YUV color 75.1110, 35.4413, 19.1967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

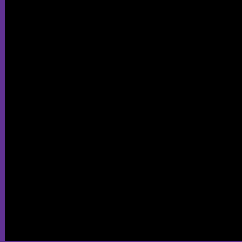
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.1110, 35.4413, 19.1967

Background



This preview shows how black text looks on a background with the YUV color 75.1110, 35.4413, 19.1967.



This preview shows how white text looks on a background with the YUV color 75.1110, 35.4413,

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

75.1110, 35.4413, 19.1967

Protanopia

59.7060, 45.9939, -52.3622

Deuteranopia

59.8880, 36.5372, -52.5218



Tritanopia

75.8590, 0.5625, 6.2627

Trichromacy



Original Color

75.1110, 35.4413, 19.1967

Protanomaly

65.2470, 42.2762, -26.5266

Deuteranomaly

65.6400, 36.1665, -26.8713

Tritanomaly

75.5080, 13.0606, 10.9555

Monochromacy



Original Color

75.1110, 35.4413, 19.1967

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0730, 12.7820, 6.9520

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1110, 35.4413, 19.1967 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(97, 50, 147)` looks like.

```
.text, #text, p{  
    color:rgb(97, 50, 147)  
}
```

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(97, 50, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 50, 147) }
```

Border

The CSS property to change the border of an element to YUV 75.1110, 35.4413, 19.1967 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(97, 50, 147) }
```


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

```
.border{ border-color:rgb(97, 50, 147) }
```

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

Here you see how a box with a 4 pixel rgb(97, 50, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 50, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 50, 147);  
box-shadow:4px 4px 4px 4px rgb(97, 50,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 75.1110, 35.4413, 19.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 50, 147) }
```

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

```
.background{ background-color: rgb(97, 50,  
147) }
```

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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