

Converting Colors

YUV(74.7750, 31.6629, 17.7373)

Have a look what the booklet for
YUV(74.7750, 31.6629, 17.7373)
contains.

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Color

**YUV(74.7750, 31.6629,
17.7373)**

Conversions

Conversions Part 1

Format	Color
Hex	5F348B
RGB	95, 52, 139
RGB Percent	37%, 20%, 55%
CMY	0.6275, 0.7961, 0.4549
CMYK	0.32, 0.63, 0.00, 0.45
HSL	270°, 46%, 37%
HSV	270°, 63%, 55%
XYZ	10.6075, 6.7530, 25.1705
YIQ	74.7750, -2.2990, 36.1730

Conversions

Conversions Part 2

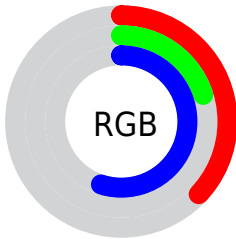
Format	Color
R_{YB}	95, 52, 139
Decimal	6239371
CIE _{Lab}	31.24, 37.12, -41.30
CIE _{LCh}	31, 55.530, 311.946
Yxy	6.7530, 0.2494, 0.1588
Android (android.graphics.Color)	4284429451 (0xFF5F348B)
YUV	74.7750, 31.6629, 17.7373
Hunter-Lab	25.9865, 27.3863, -39.2377

Details

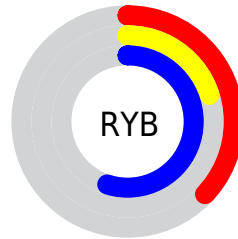
The YUV color **74.7750, 31.6629, 17.7373** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **116.2250, -31.6629, -17.7373**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5410, 33.2573, 19.6965**, and **24.6500, 31.2315, 16.0930** is the 20% darker color. If you saturate the color by 10%, you get **64.4640, 36.7462, 20.6411**, and if you desaturate by 10%, it is **85.0860, 26.5796, 14.8336**.

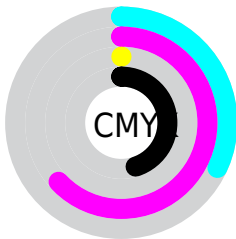
Distribution



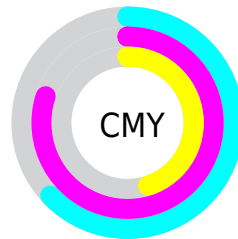
- Red (37%)
- Green (20%)
- Blue (55%)



- Red (37%)
- Yellow (20%)
- Blue (55%)



- Cyan (32%)
- Magenta (63%)
- Yellow (0%)
- Black (45%)



- Cyan (63%)
- Magenta (80%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.7750, 31.6629, 17.7373 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 74.7750, 31.6629, 17.7373 by changing the saturation by 10% instead.

■ 74.7750, 31.6629,
17.7373

■ 74.7750, 31.6629,
17.7373

■ 255.0000, 0.0000,
0.0000

■ 49.9490, 31.0841,
16.7077

■ 125.5410, 33.2573,
19.6965

■ 24.6500, 31.2315,
16.0930

■ 152.3670, 33.8361,
20.7261

■ 13.5750, 24.8595,
6.5117

■ 179.3070, 34.8516,
21.6558

■ 6.4350, 17.0405,
-5.6435

■ 204.3970, 24.9473,
25.0848

■ 2.7530, 8.0098,
-2.4144

■ 227.4110, 13.6014,
24.1956

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.4984,

9.7812

■ 74.7750, 31.6629,
17.7373

■ 74.7750, 31.6629,
17.7373

■ 64.4640, 36.7462,
20.6411

■ 85.0860, 26.5796,
14.8336

■ 54.1530, 41.8296,
23.5448

■ 95.3970, 21.4963,
11.9298

■ 43.8420, 46.9129,
26.4486

■ 105.7080, 16.4130,
9.0261

■ 36.4770, 50.5438,
28.5227

■ 116.0190, 11.3296,
6.1223

■ 126.3300, 6.2463,
3.2186

■ 136.0540, 1.4524,
0.8296

■ 146.3650, -3.6309,
-2.0741

■ 156.6760, -8.7143,
-4.9779

■ 166.9870,
-13.7976, -7.8816

Harmonies

Analogous

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



61.0910, 48.7621, -53.5768



74.7750, 31.6629, 17.7373



65.0920, 17.7026, 62.1863

Triad

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



74.7750, 31.6629, 17.7373



69.2950, -34.1624, 37.4523



64.2640, 12.6878, -56.3595

Complementary

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



74.7750, 31.6629, 17.7373



116.2250, -31.6629, -17.7373

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.



57.9600, -6.3893, -50.8309



74.7750, 31.6629, 17.7373



67.6240, -33.3386, 6.4688

Square

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



74.7750, 31.6629, 17.7373



64.6910, -24.4977, 64.2920



55.5650, -27.3935, -33.8215



68.3510, 30.8860, -59.9438

Rectangle

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



74.7750, 31.6629, 17.7373



54.6230, 9.0599, 81.0146



55.5650, -27.3935, -33.8215



62.5540, 6.1359, -54.8599

Sweetspot

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



74.7750, 31.6629, 17.7373



155.9590, 12.3452, 7.0520



88.3330, 24.9788, -31.8640



76.3840, 7.6987, 4.0482



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



74.7750, 31.6629, 17.7373



80.5370, 49.5283, 27.5931



87.6320, 25.3244, 44.1727



63.6950, 2.6154, 1.1445



34.8960, 48.3653, 27.2782



1.4670, 1.7418, 1.3444

Inverse Universe

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



83.0290, 6.3947, 49.0866



93.5300, 10.0917, 76.7112



103.3680, -25.3244, -44.1727



64.4350, 0.2785, 4.0035



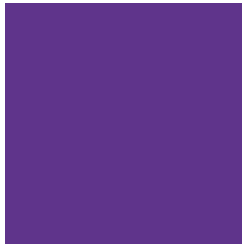
47.4050, 9.6603, 75.0668



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 74.7750, 31.6629, 17.7373 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 74.7750, 31.6629, 17.7373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

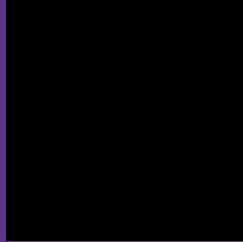
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.7750, 31.6629, 17.7373

Background



This preview shows how black text looks on a background with the YUV color 74.7750, 31.6629, 17.7373.



This preview shows how white text looks on a background with the YUV color 74.7750, 31.6629,

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

74.7750, 31.6629, 17.7373

Deuteranopia

59.1870, 36.3898, -51.9070

Tritanopia

74.5710, 0.7045, 7.3922

Trichromacy



Original Color

74.7750, 31.6629, 17.7373

Deuteranomaly

65.1840, 34.4193, -26.4714

Tritanomaly

74.2800, 12.1870, 11.1554

Monochromacy



Original Color

74.7750, 31.6629, 17.7373

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0190, 11.3296, 6.1223

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.7750, 31.6629, 17.7373 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(95, 52, 139)` looks like.

```
.text, #text, p{  
    color:rgb(95, 52, 139)  
}
```

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(95, 52, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 52, 139) }
```

Border

The CSS property to change the border of an element to YUV 74.7750, 31.6629, 17.7373 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(95, 52, 139) }
```

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

```
.border{ border-color:rgb(95, 52, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 52, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 52, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 52, 139);  
box-shadow:4px 4px 4px 4px rgb(95, 52,  
139) }
```


Background

The CSS property to change the background color of an element to YUV 74.7750, 31.6629, 17.7373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 52, 139) }
```

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

```
.background{ background-color: rgb(95, 52,  
139) }
```

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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