

Converting Colors

YUV(89.7690, 27.2289, -6.8134)

Have a look what the booklet for
YUV(89.7690, 27.2289, -6.8134)
contains.

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Color

**YUV(89.7690, 27.2289,
-6.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	525391
RGB	82, 83, 145
RGB Percent	32%, 33%, 57%
CMY	0.6784, 0.6745, 0.4314
CMYK	0.43, 0.43, 0.00, 0.43
HSL	239°, 28%, 45%
HSV	239°, 43%, 57%
XYZ	11.6838, 10.0247, 28.1072
YIQ	89.7690, -20.4980, 19.0700

Conversions

Conversions Part 2

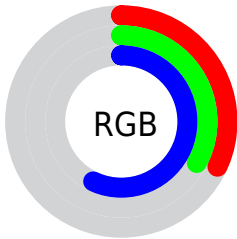
Format	Color
R_{YB}	82, 83, 145
Decimal	5395345
CIE _{Lab}	37.89, 16.34, -34.44
CIE _{LCh}	38, 38.117, 295.383
Yxy	10.0247, 0.2345, 0.2012
Android (android.graphics.Color)	4283585425 (0xFF525391)
YUV	89.7690, 27.2289, -6.8134
Hunter-Lab	31.6618, 10.4616, -30.4705

Details

The YUV color **89.7690, 27.2289, -6.8134** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **137.2310, -27.2289, 6.8134**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.2360, 28.9707, -5.4690**, and **41.9920, 25.6399, -10.5170** is the 20% darker color. If you saturate the color by 10%, you get **77.3650, 33.3441, -8.2131**, and if you desaturate by 10%, it is **102.4720, 20.9663, -4.7989**.

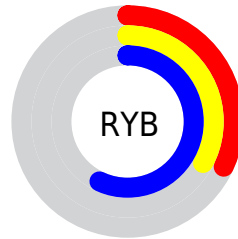
Distribution



Red (32%)

Green (33%)

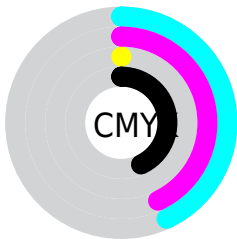
Blue (57%)



Red (32%)

Yellow (33%)

Blue (57%)

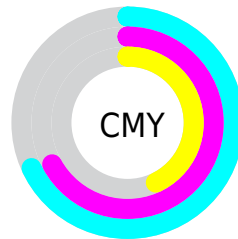


Cyan (43%)

Magenta (43%)

Yellow (0%)

Black (43%)



Cyan (68%)

Magenta (67%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7690, 27.2289, -6.8134 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 89.7690, 27.2289, -6.8134 by changing the saturation by 10% instead.

■ 89.7690, 27.2289,
-6.8134

■ 89.7690, 27.2289,
-6.8134

■ 255.0000, 0.0000,
0.0000

■ 65.5300, 26.3607,
-8.3578

■ 140.2360, 28.9707,
-5.4690

■ 41.9920, 25.6399,
-10.5170

■ 167.0620, 29.5494,
-4.4394

■ 19.1330, 25.0774,
-16.7796

■ 194.1760, 29.9862,
-4.5394

■ 5.3580, 20.5295,
-4.6990

■ 219.2830, 17.6085,
-1.1252

■ 3.4370, 10.6306,
-3.0142

■ 244.3900, 5.2307,
2.2890

■ 0.0000, 0.0000,
0.0000

■ 89.7690, 27.2289,
-6.8134

■ 89.7690, 27.2289,
-6.8134

■ 77.3650, 33.3441,
-8.2131

■ 102.4720, 20.9663,
-4.7989

■ 64.0750, 39.8960,
-9.7128

■ 115.4630, 14.5617,
-3.9141

■ 51.6710, 46.0112,
-11.1125

■ 128.1660, 8.2992,
-1.8996

■ 38.9680, 52.2738,
-13.1269

■ 140.5700, 2.1840,
-0.4999

■ 26.5640, 58.3889,
-14.5266

■ 153.2730, -4.0786,
1.5146

■ 17.7040, 62.7569,
-15.5264

■ 166.2640,
-10.4832, 2.3995

■ 178.9670,
-16.7457, 4.4139

■ 191.3710,

-22.8609, 5.8136

■ 204.0740,
-29.1235, 7.8281

Harmonies

Analogous

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



72.3920, 38.7537, -63.4878



89.7690, 27.2289, -6.8134



91.8180, 16.3587, 26.4696

Triad

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



89.7690, 27.2289, -6.8134



87.6510, -23.9849, 39.7711



70.5100, 6.1576, -61.8373

Complementary

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



89.7690, 27.2289, -6.8134



137.2310, -27.2289, 6.8134

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.



77.2890, -11.9745, -32.7025



89.7690, 27.2289, -6.8134



86.1080, -30.6192, 20.9533

Square

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



89.7690, 27.2289, -6.8134



88.3330, -11.5032, 49.6970



82.9910, -26.6176, -2.6231



74.1580, 20.1351, -65.0366

Rectangle

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



89.7690, 27.2289, -6.8134



90.3270, 7.7268, 41.8092



82.9910, -26.6176, -2.6231



68.7830, 2.0790, -60.3227

Sweetspot

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



89.7690, 27.2289, -6.8134



167.4370, 10.6306, -3.0142



126.0490, 8.8498, -38.6310



80.7100, 6.5520, -1.4997



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



89.7690, 27.2289, -6.8134



102.7590, 42.5168, -10.3126



98.1520, 23.0961, 12.1447



64.7980, 3.0576, -0.6998



16.5640, 58.3889, -14.5266



0.9120, 3.4944, -0.7998

Inverse Universe

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



100.9510, -8.8498, 38.6310



120.4160, -14.0091, 60.1482



128.8480, -23.0961, -12.1447



66.0930, -1.0318, 4.3034



40.5930, -19.0263, 82.7949



2.3920, -1.1793, 4.9182

Previews

White Background



This preview shows how the YUV color 89.7690, 27.2289, -6.8134 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 89.7690, 27.2289, -6.8134 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 89.7690, 27.2289, -6.8134

Background



This preview shows how black text looks on a background with the YUV color 89.7690, 27.2289, -6.8134.



This preview shows how white text looks on a background with the YUV color 89.7690, 27.2289, -6.8134.

-6.8134.

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

89.7690, 27.2289, -6.8134

Protanopia

87.1910, 30.4718, -20.3385

Deuteranopia

85.7020, 28.7409, -25.1717



Tritanopia

86.9210, 6.4479, -14.8397

Trichromacy



Original Color

89.7690, 27.2289, -6.8134

Protanomaly

88.5830, 29.2926, -15.4203

Deuteranomaly

87.2190, 27.9930, -18.6091

Tritanomaly

87.5930, 14.0047, -11.9211

Monochromacy



Original Color

89.7690, 27.2289, -6.8134

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.6220, 10.0464, -2.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7690, 27.2289, -6.8134 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(82, 83, 145)` looks like.

```
.text, #text, p{  
    color:rgb(82, 83, 145)  
}
```

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(82, 83, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 83, 145) }
```

Border

The CSS property to change the border of an element to YUV 89.7690, 27.2289, -6.8134 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(82, 83, 145) }
```


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

```
.border{ border-color:rgb(82, 83, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 83, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 83, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 83, 145);  
box-shadow:4px 4px 4px 4px rgb(82, 83,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 89.7690, 27.2289, -6.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 83, 145) }
```

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

```
.background{ background-color: rgb(82, 83,  
145) }
```

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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