

Converting Colors

YUV(88.6920, 30.7178, -5.8689)

Have a look what the booklet for
YUV(88.6920, 30.7178, -5.8689)
contains.

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Color

**YUV(88.6920, 30.7178,
-5.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	525097
RGB	82, 80, 151
RGB Percent	32%, 31%, 59%
CMY	0.6784, 0.6863, 0.4078
CMYK	0.46, 0.47, 0.00, 0.41
HSL	242°, 31%, 45%
HSV	242°, 47%, 59%
XYZ	11.9342, 9.7655, 30.5341
YIQ	88.6920, -21.5990, 22.5050

Conversions

Conversions Part 2

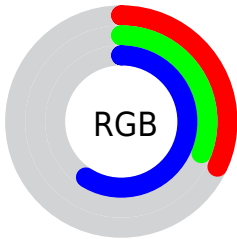
Format	Color
R_{YB}	82, 80, 151
Decimal	5394583
CIE _{Lab}	37.42, 20.12, -38.81
CIE _{LCh}	37, 43.716, 297.407
Yxy	9.7655, 0.2285, 0.1870
Android (android.graphics.Color)	4283584663 (0xFF525097)
YUV	88.6920, 30.7178, -5.8689
Hunter-Lab	31.2498, 13.4816, -36.0571

Details

The YUV color **88.6920, 30.7178, -5.8689** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142.3080, -30.7178, 5.8689**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.5720, 32.7490, -4.0096**, and **40.7900, 28.6975, -11.2168** is the 20% darker color. If you saturate the color by 10%, you get **75.4020, 37.2698, -7.3686**, and if you desaturate by 10%, it is **101.9820, 24.1659, -4.3692**.

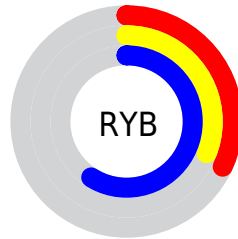
Distribution



Red (32%)

Green (31%)

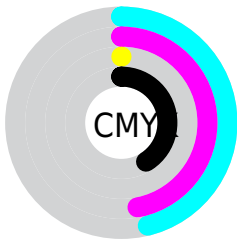
Blue (59%)



Red (32%)

Yellow (31%)

Blue (59%)

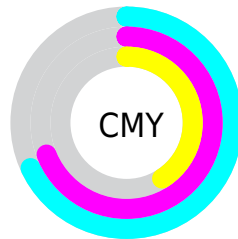


Cyan (46%)

Magenta (47%)

Yellow (0%)

Black (41%)



Cyan (68%)

Magenta (69%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6920, 30.7178, -5.8689 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 88.6920, 30.7178, -5.8689 by changing the saturation by 10% instead.

■ 88.6920, 30.7178,
-5.8689

■ 88.6920, 30.7178,
-5.8689

■ 255.0000, 0.0000,
0.0000

■ 64.4530, 29.8497,
-7.4133

■ 139.5720, 32.7490,
-4.0096

■ 40.7900, 28.6975,
-11.2168

■ 166.0990, 33.4752,
-3.5948

■ 17.9420, 28.1296,
-15.7351

■ 192.7140, 30.7070,
-2.3802

■ 5.9280, 22.7135,
-5.1989

■ 217.8210, 18.3292,
1.0340

■ 4.5940, 12.5252,
-4.0289

■ 242.9280, 5.9515,
4.4481

■ 0.0000, 0.0000,
0.0000

■ 88.6920, 30.7178,
-5.8689

■ 88.6920, 30.7178,
-5.8689

■ 75.4020, 37.2698,
-7.3686

■ 101.9820, 24.1659,
-4.3692

■ 62.4110, 43.6744,
-8.2534

■ 114.9730, 17.7613,
-3.4843

■ 49.1210, 50.2263,
-9.7531

■ 128.2630, 11.2093,
-1.9847

■ 35.8310, 56.7783,
-11.2528

■ 141.5530, 4.6574,
-0.4850

■ 22.8400, 63.1829,
-12.1377

■ 155.1310, -2.0366,
-0.1149


■ 18.4100, 65.3669,
-12.6376

■ 168.4210, -8.5886,
1.3848

■ 181.7110,
-15.1405, 2.8845

■ 194.7020,

-21.5451, 3.7693

 207.9920,
-28.0971, 5.2690

Harmonies

Analogous

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



72.7170, 42.5375, -63.7728



88.6920, 30.7178, -5.8689



90.3180, 18.0842, 33.0471

Triad

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



88.6920, 30.7178, -5.8689



85.2340, -28.2164, 43.6448



70.6240, 6.5944, -61.9372

Complementary

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



88.6920, 30.7178, -5.8689



142.3080, -30.7178, 5.8689

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.



71.0270, -11.3523, -45.6277



88.6920, 30.7178, -5.8689



82.8710, -37.8974, 22.0381

Square

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



88.6920, 30.7178, -5.8689



85.5080, -13.5614, 56.5595



79.8290, -30.9747, -5.1120



74.7280, 22.3191, -65.5365

Rectangle

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



88.6920, 30.7178, -5.8689



87.7840, 7.9945, 49.3014



79.8290, -30.9747, -5.1120



69.1420, 0.9160, -60.6375

Sweetspot

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



88.6920, 30.7178, -5.8689



172.3770, 11.6461, -2.0846



129.1840, 10.7553, -43.1344



84.8240, 6.9888, -1.5996



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



88.6920, 30.7178, -5.8689



99.4370, 47.6056, -9.1532



99.1570, 25.5586, 15.6483



69.9120, 3.4944, -0.7998



17.1560, 60.5621, -11.5378



1.4820, 5.6784, -1.2997

Inverse Universe

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



109.0950, 19.6732, 36.7507



131.0880, 30.5226, 56.9278



131.8430, -25.5586, -15.6483



72.1900, 1.8783, 4.2184



57.3640, 38.7675, 72.4718



5.2550, 3.3253, 6.7924

Previews

White Background



This preview shows how the YUV color 88.6920, 30.7178, -5.8689 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 88.6920, 30.7178, -5.8689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

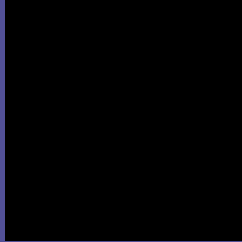
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6920, 30.7178, -5.8689

Background



This preview shows how black text looks on a background with the YUV color 88.6920, 30.7178, -5.8689.



This preview shows how white text looks on a background with the YUV color 88.6920, 30.7178,

-5.8689.

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

88.6920, 30.7178, -5.8689

Protanopia

84.8250, 35.5823, -26.1565

Deuteranopia

82.3850, 32.8412, -33.6636



Tritanopia

85.6220, 6.5954, -15.4545

Trichromacy



Original Color

88.6920, 30.7178, -5.8689

Protanomaly

86.4130, 33.8134, -18.7792

Deuteranomaly

84.9240, 32.0825, -23.6123

Tritanomaly

86.9350, 15.3150, -12.2210

Monochromacy



Original Color

88.6920, 30.7178, -5.8689

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9640, 11.3567, -2.5994

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6920, 30.7178, -5.8689 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, 80, 151)` looks like.

```
.text, #text, p{  
    color:rgb(82, 80, 151)  
}
```

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, 80, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 80, 151) }
```

Border

The CSS property to change the border of an element to YUV 88.6920, 30.7178, -5.8689 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, 80, 151) }
```


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

```
.border{ border-color:rgb(82, 80, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 80, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 80, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 80, 151);  
box-shadow:4px 4px 4px 4px rgb(82, 80,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 88.6920, 30.7178, -5.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 80, 151) }
```

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

```
.background{ background-color: rgb(82, 80,  
151) }
```

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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