

Converting Colors

YUV(89.0090, 26.6176, 2.6231)

Have a look what the booklet for
YUV(89.0090, 26.6176, 2.6231)
contains.

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Color

**YUV(89.0090, 26.6176,
2.6231)**

Conversions

Conversions Part 1

Format	Color
Hex	5C4D8F
RGB	92, 77, 143
RGB Percent	36%, 30%, 56%
CMY	0.6392, 0.6980, 0.4392
CMYK	0.36, 0.46, 0.00, 0.44
HSL	254°, 30%, 43%
HSV	254°, 46%, 56%
XYZ	12.0254, 9.5662, 27.1993
YIQ	89.0090, -12.2460, 23.7060

Conversions

Conversions Part 2

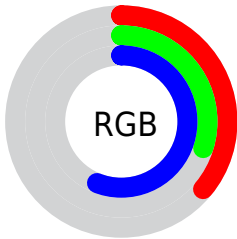
Format	Color
RYB	92, 77, 143
Decimal	6049167
CIELab	37.05, 22.34, -34.49
CIElCh	37, 41.090, 302.928
Yxy	9.5662, 0.2465, 0.1961
Android (android.graphics.Color)	4284239247 (0xFF5C4D8F)
YUV	89.0090, 26.6176, 2.6231
Hunter-Lab	30.9293, 15.2751, -30.4891

Details

The YUV color **89.0090, 26.6176, 2.6231** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **130.9910, -26.6176, -2.6231**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4760, 28.3593, 3.9675**, and **41.8300, 24.7338, 0.1491** is the 20% darker color. If you saturate the color by 10%, you get **77.5020, 32.2905, 3.0677**, and if you desaturate by 10%, it is **100.5160, 20.9446, 2.1785**.

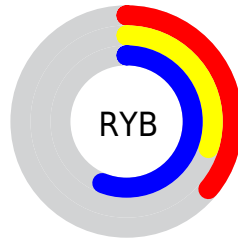
Distribution



Red (36%)

Green (30%)

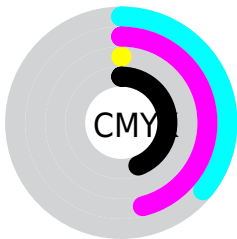
Blue (56%)



Red (36%)

Yellow (30%)

Blue (56%)

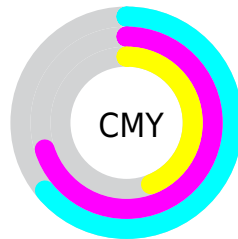


Cyan (36%)

Magenta (46%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (70%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0090, 26.6176, 2.6231 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 89.0090, 26.6176, 2.6231 by changing the saturation by 10% instead.

■ 89.0090, 26.6176,
2.6231

■ 89.0090, 26.6176,
2.6231

■ 255.0000, 0.0000,
0.0000

■ 65.0690, 25.6020,
1.6935

■ 139.4760, 28.3593,
3.9675

■ 41.8300, 24.7338,
0.1491

■ 166.3020, 28.9381,
4.9971

■ 19.2810, 24.0185,
-3.7544

■ 193.8290, 29.6643,
5.4120

■ 5.1300, 19.6559,
-4.4990

■ 218.7510, 17.8708,
8.1114

■ 3.3230, 10.1938,
-2.9143

■ 243.2600, 5.7878,
10.2960

■ 0.0000, 0.0000,
0.0000

■ 89.0090, 26.6176,
2.6231

■ 89.0090, 26.6176,
2.6231

■ 77.5020, 32.2905,
3.0677

■ 100.5160, 20.9446,
2.1785

■ 65.4080, 38.2529,
4.0272

■ 112.6100, 14.9823,
1.2190

■ 53.9010, 43.9258,
4.4718

■ 124.1170, 9.3093,
0.7744

■ 42.3940, 49.5988,
4.9165

■ 135.6240, 3.6364,
0.3298

■ 30.3000, 55.5611,
5.8759

■ 147.7180, -2.3260,
-0.6297


■ 26.1690, 57.5977,
5.9908

■ 159.2250, -7.9989,
-1.0743

■ 170.7320,
-13.6719, -1.5190

■ 182.2390,

-19.3448, -1.9636

 194.3330,
-25.3072, -2.9230

Harmonies

Analogous

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



70.2720, 40.7849, -61.6285



89.0090, 26.6176, 2.6231



89.3030, 14.1476, 35.6913

Triad

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



89.0090, 26.6176, 2.6231



84.7880, -28.4895, 37.8969



70.7210, 9.5045, -62.0223

Complementary

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



89.0090, 26.6176, 2.6231



130.9910, -26.6176, -2.6231

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.



67.1660, -5.5048, -54.5196



89.0090, 26.6176, 2.6231



82.7500, -34.3867, 16.0053

Square

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



89.0090, 26.6176, 2.6231



84.9050, -15.7292, 51.8263



79.4630, -25.8643, -10.9301



73.7820, 23.7715, -64.7068

Rectangle

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



89.0090, 26.6176, 2.6231



87.1600, 4.3581, 48.9717



79.4630, -25.8643, -10.9301



68.7660, 4.5524, -60.3078

Sweetspot

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



89.0090, 26.6176, 2.6231



164.7580, 10.4723, 1.0892



115.0480, 13.7803, -33.3681



81.0200, 6.3991, 0.8595



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.



89.0090, 26.6176, 2.6231



102.5050, 41.1630, 3.9421



98.5770, 21.9005, 22.2960



65.3960, 2.7628, 0.5297



24.6590, 54.3981, 5.5611



1.5100, 3.1996, 0.4297

Inverse Universe

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



102.5480, 12.5478, 35.4764



123.5040, 19.4715, 54.8090



121.4230, -21.9005, -22.2960



66.7770, 1.5889, 3.7036



52.2210, 25.5270, 72.5972



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 89.0090, 26.6176, 2.6231 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 89.0090, 26.6176, 2.6231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

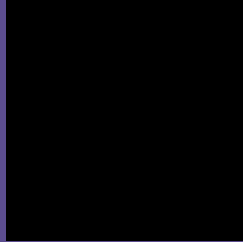
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.0090, 26.6176, 2.6231

Background



This preview shows how black text looks on a background with the YUV color 89.0090, 26.6176, 2.6231.



This preview shows how white text looks on a background with the YUV color 89.0090, 26.6176,

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

89.0090, 26.6176, 2.6231

Protanopia

84.4510, 32.8087, -23.1975

Deuteranopia

84.4740, 27.8673, -24.9717



Tritanopia

87.0040, 3.9420, -4.3885

Trichromacy



Original Color

89.0090, 26.6176, 2.6231

Protanomaly

85.9360, 30.5976, -13.9759

Deuteranomaly

86.1270, 27.5454, -15.0204

Tritanomaly

87.7900, 11.9355, -1.5698

Monochromacy



Original Color

89.0090, 26.6176, 2.6231

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2310, 9.7461, 0.6744

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0090, 26.6176, 2.6231 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(92, 77, 143)` looks like.

```
.text, #text, p{  
    color:rgb(92, 77, 143)  
}
```

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(92, 77, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 77, 143) }
```

Border

The CSS property to change the border of an element to YUV 89.0090, 26.6176, 2.6231 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(92, 77, 143) }
```


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

```
.border{ border-color:rgb(92, 77, 143) }
```

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

Here you see how a box with a 4 pixel rgb(92, 77, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 77, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 77, 143);  
box-shadow:4px 4px 4px 4px rgb(92, 77,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 89.0090, 26.6176, 2.6231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 77, 143) }
```

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

```
.background{ background-color: rgb(92, 77,  
143) }
```

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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