

Converting Colors

YUV(91.2890, 15.1405, -2.8845)

Have a look what the booklet for
YUV(91.2890, 15.1405, -2.8845)
contains.

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Color

**YUV(91.2890, 15.1405,
-2.8845)**

Conversions

Conversions Part 1

Format	Color
Hex	58577A
RGB	88, 87, 122
RGB Percent	35%, 34%, 48%
CMY	0.6549, 0.6588, 0.5216
CMYK	0.28, 0.29, 0.00, 0.52
HSL	242°, 17%, 41%
HSV	242°, 29%, 48%
XYZ	10.9455, 10.2962, 19.8228
YIQ	91.2890, -10.6390, 11.0970

Conversions

Conversions Part 2

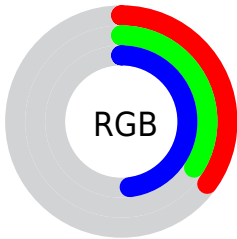
Format	Color
R_{YB}	88, 87, 122
Decimal	5789562
CIE _{Lab}	38.37, 8.91, -19.61
CIE _{LCh}	38, 21.542, 294.433
Yxy	10.2962, 0.2665, 0.2507
Android (android.graphics.Color)	4283979642 (0xFF58577A)
YUV	91.2890, 15.1405, -2.8845
Hunter-Lab	32.0878, 4.7351, -14.1661

Details

The YUV color **91.2890, 15.1405, -2.8845** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **117.7110, -15.1405, 2.8845**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9300, 16.3035, -2.5696**, and **45.2350, 13.6881, -3.7141** is the 20% darker color. If you saturate the color by 10%, you get **80.6570, 20.3821, -4.0842**, and if you desaturate by 10%, it is **101.9210, 9.8989, -1.6847**.

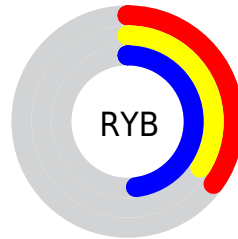
Distribution



Red (35%)

Green (34%)

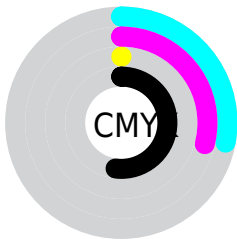
Blue (48%)



Red (35%)

Yellow (34%)

Blue (48%)

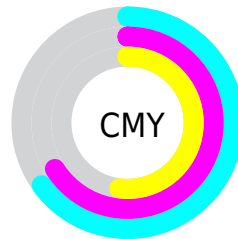


Cyan (28%)

Magenta (29%)

Yellow (0%)

Black (52%)



Cyan (65%)

Magenta (66%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.2890, 15.1405, -2.8845 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 91.2890, 15.1405, -2.8845 by changing the saturation by 10% instead.

■ 91.2890, 15.1405,
-2.8845

■ 91.2890, 15.1405,
-2.8845

■ 255.0000, 0.0000,
0.0000

■ 67.7620, 14.4143,
-3.2993

■ 141.9300, 16.3035,
-2.5696

■ 45.2350, 13.6881,
-3.7141

■ 168.0440, 16.7403,
-2.6696

■ 24.2950, 12.6726,
-4.6437

■ 195.4570, 17.0297,
-2.1548

■ 3.3060, 12.6671,
-2.8994

■ 223.1150, 15.7193,
-1.8549

■ 0.0000, 0.0000,
0.0000

■ 247.9230, 3.4890,
0.9445

■ 91.2890, 15.1405,
-2.8845

■ 91.2890, 15.1405,
-2.8845

■ 80.6570, 20.3821,
-4.0842

■ 101.9210, 9.8989,
-1.6847

■ 70.0250, 25.6237,
-5.2839

■ 112.5530, 4.6574,
-0.4850

■ 58.8060, 31.1546,
-5.9689

■ 123.7720, -0.8736,
0.2000

■ 48.4730, 36.2488,
-6.5538

■ 134.1050, -5.9678,
0.7849

■ 37.8410, 41.4904,
-7.7536

■ 144.7370,
-11.2093, 1.9847

■ 27.2090, 46.7320,
-8.9533

■ 155.3690,
-16.4509, 3.1844

■ 16.5770, 51.9735,
-10.1530

■ 166.0010,
-21.6925, 4.3841

■ 14.8050, 52.8471,

■ 177.2200,

-10.3530

-27.2235, 5.0691

■ 187.8520,
-32.4650, 6.2688

Harmonies

Analogous

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



87.0800, 18.6946, -22.8722



91.2890, 15.1405, -2.8845



92.7920, 8.9765, 14.2144

Triad

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



91.2890, 15.1405, -2.8845



90.5980, -13.6058, 24.0316



82.2580, 1.8448, -31.7983

Complementary

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



91.2890, 15.1405, -2.8845



117.7110, -15.1405, 2.8845

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.



85.4250, -8.0975, -16.1587



91.2890, 15.1405, -2.8845



89.4350, -16.4835, 13.6505

Square

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



91.2890, 15.1405, -2.8845



91.9390, -7.3649, 28.9945



87.8030, -14.6929, -0.7042



79.2270, 12.2131, -44.0491

Rectangle

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



91.2890, 15.1405, -2.8845



92.7670, 3.5659, 23.0063



87.8030, -14.6929, -0.7042



83.0800, -1.5184, -26.3802

Sweetspot

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



91.2890, 15.1405, -2.8845



145.5960, 6.1152, -1.3997



110.9480, 5.4486, -21.0024



71.3250, 3.7838, -0.2850



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



91.2890, 15.1405, -2.8845



110.7540, 23.2923, -4.1693



96.3720, 12.6346, 7.5668



55.6840, 2.6208, -0.5999



15.4460, 54.0101, -10.0381



30.8210, 109.0412, -20.8910

Inverse Universe

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



101.3410, 9.6919, 18.1179



126.1880, 15.1903, 27.8991



112.6280, -12.6346, -7.5668



57.4780, 1.7363, 3.0888



51.1690, 34.4267, 64.7498



103.2780, 69.8689, 130.4292

Previews

White Background



This preview shows how the YUV color 91.2890, 15.1405, -2.8845 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 91.2890, 15.1405, -2.8845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

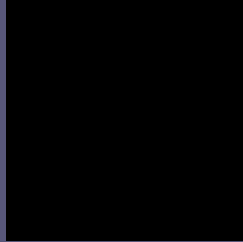
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.2890, 15.1405, -2.8845

Background



This preview shows how black text looks on a background with the YUV color 91.2890, 15.1405, -2.8845.



This preview shows how white text looks on a background with the YUV color 91.2890, 15.1405,

-2.8845.

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

91.2890, 15.1405, -2.8845

Protanopia

90.2990, 16.6146, -9.0322

Deuteranopia

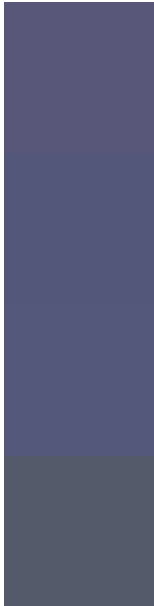
90.6690, 15.4462, -7.6027



Tritanopia

89.5200, 4.6736, -5.7180

Trichromacy



Original Color

91.2890, 15.1405, -2.8845

Protanomaly

90.4950, 16.0250, -6.5731

Deuteranomaly

90.6800, 15.4408, -5.8584

Tritanomaly

90.4430, 8.1626, -4.7735

Monochromacy



Original Color

91.2890, 15.1405, -2.8845

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.3680, 5.2416, -1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.2890, 15.1405, -2.8845 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(88, 87, 122)` looks like.

```
.text, #text, p{  
    color:rgb(88, 87, 122)  
}
```

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(88, 87, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 87, 122) }
```

Border

The CSS property to change the border of an element to YUV 91.2890, 15.1405, -2.8845 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(88, 87, 122) }
```


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

```
.border{ border-color:rgb(88, 87, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 87, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 87, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 87, 122);  
box-shadow:4px 4px 4px 4px rgb(88, 87,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 91.2890, 15.1405, -2.8845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 87, 122) }
```

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

```
.background{ background-color: rgb(88, 87,  
122) }
```

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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