

Converting Colors

YUV(25.1890, 60.5458, -6.3048)

Have a look what the booklet for
YUV(25.1890, 60.5458, -6.3048)
contains.

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Color

**YUV(25.1890, 60.5458,
-6.3048)**

Conversions

Conversions Part 1

Format	Color
Hex	120594
RGB	18, 5, 148
RGB Percent	7%, 2%, 58%
CMY	0.9294, 0.9804, 0.4196
CMYK	0.88, 0.97, 0.00, 0.42
HSL	245°, 93%, 30%
HSV	245°, 97%, 58%
XYZ	5.6490, 2.3753, 28.1777
YIQ	25.1890, -38.1550, 47.2290

Conversions

Conversions Part 2

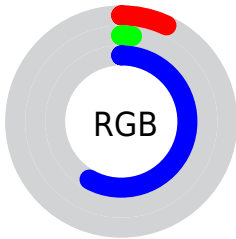
Format	Color
RYB	18, 5, 148
Decimal	1181076
CIELab	17.34, 51.40, -69.96
CIELCh	17, 86.812, 306.304
Yxy	2.3753, 0.1560, 0.0656
Android (android.graphics.Color)	4279371156 (0xFF120594)
YUV	25.1890, 60.5458, -6.3048
Hunter-Lab	15.4119, 38.4561, -97.6123

Details

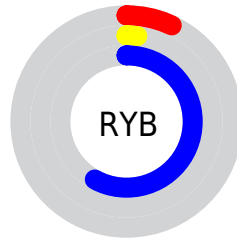
The YUV color **25.1890, 60.5458, -6.3048** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **127.8110, -60.5458, 6.3048**, and the grayscale version is **25.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.2940, 58.0291, 7.6352**, and **10.9440, 41.9326, -9.5979** is the 20% darker color. If you saturate the color by 10%, you get **20.7590, 62.7298, -6.8046**, and if you desaturate by 10%, it is **37.8810, 54.2887, -6.0346**.

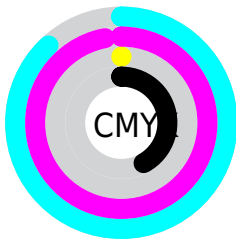
Distribution



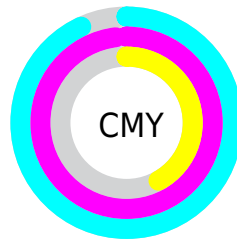
- Red (7%)
- Green (2%)
- Blue (58%)



- Red (7%)
- Yellow (2%)
- Blue (58%)



- Cyan (88%)
- Magenta (97%)
- Yellow (0%)
- Black (42%)



- Cyan (93%)
- Magenta (98%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 25.1890, 60.5458, -6.3048 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 25.1890, 60.5458, -6.3048 by changing the saturation by 10% instead.

■ 25.1890, 60.5458,
-6.3048

■ 25.1890, 60.5458,
-6.3048

■ 249.7170, 2.6045,
4.6332

■ 13.7940, 52.8526,
-12.0973

■ 85.2940, 58.0291,
7.6352

■ 10.9440, 41.9326,
-9.5979

■ 112.2450, 59.0392,
10.3091

■ 12.7900, 28.6975,
-11.2168

■ 138.2130, 57.5760,
12.9682

■ 7.7060, 19.3719,
-6.7582

■ 163.0320, 45.3402,
17.5119


■ 3.5510, 11.0674,
-3.1142


■ 187.2640, 33.3938,
22.5705


■ 0.0000, 0.0000,
0.0000


■ 212.6700, 20.8687,


26.5994


 232.6940, 10.9969,
19.5624


 25.1890, 60.5458,
-6.3048


 25.1890, 60.5458,
-6.3048


 20.7590, 62.7298,
-6.8046

 37.8810, 54.2887,
-6.0346

 50.8720, 47.8841,
-5.1497

 62.9770, 41.9163,
-4.3648

 75.9680, 35.5118,
-3.4799

 88.6600, 29.2546,
-3.2098

■ 101.6510, 22.8501,
-2.3249

■ 114.3430, 16.5929,
-2.0548

■ 126.7470, 10.4777,
-0.6551

■ 139.4390, 4.2206,
-0.3850

Harmonies

Analogous

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



50.3600, 60.9545, -44.1657



25.1890, 60.5458, -6.3048



46.4110, 23.9544, 63.6606

Triad

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



25.1890, 60.5458, -6.3048



31.9050, -15.7292, 51.8263



42.0770, 6.3710, -36.9015

Complementary

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



25.1890, 60.5458, -6.3048



127.8110, -60.5458, 6.3048

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.



35.2200, -17.3635, -30.8879



25.1890, 60.5458, -6.3048



38.9730, -19.2137, 2.6547

Square

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



25.1890, 60.5458, -6.3048



37.3750, -18.4259, 76.8471



32.8720, -16.2059, -28.8287



51.0200, 33.0211, -44.7445

Rectangle

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



25.1890, 60.5458, -6.3048



46.8200, 3.5397, 78.2109



32.8720, -16.2059, -28.8287



38.9820, -2.9491, -34.1872

Sweetspot

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



25.1890, 60.5458, -6.3048



143.7650, 23.2869, -2.4249



98.1990, 24.5519, -81.7355



67.7730, 14.4089, -1.5549



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



25.1890, 60.5458, -6.3048



26.8570, 80.9225, -8.6446



46.1190, 50.2273, 36.7296



67.7980, 3.0576, -0.6998



19.6190, 58.3618, -5.8049



1.4390, 4.2206, -0.3850

Inverse Universe

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



62.5770, 35.7045, 74.9160



76.9450, 47.8481, 100.0262



106.8810, -50.2273, -36.7296



69.7770, 1.5889, 3.7036



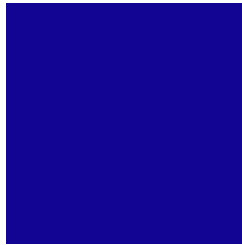
55.5120, 34.2576, 72.3420



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 25.1890, 60.5458, -6.3048 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



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 25.1890, 60.5458, -6.3048

Background



This preview shows how black text looks on a background with the YUV color 25.1890, 60.5458, -6.3048.



This preview shows how white text looks on a background with the YUV color 25.1890, 60.5458, -6.3048.

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

25.1890, 60.5458, -6.3048

Protanopia

36.3160, 27.4522, -31.8491

Deuteranopia

36.4810, 20.4689, -31.9938



Tritanopia

35.9790, 8.3914, -31.5536

Trichromacy



Original Color

25.1890, 60.5458, -6.3048

Protanomaly

32.4710, 39.2078, -22.3381

Deuteranomaly

32.6190, 34.6978, -22.4679

Tritanomaly

32.0830, 27.5671, -21.9978

Monochromacy



Original Color

25.1890, 60.5458, -6.3048

Achromatopsia

25.0000, 0.0000, 0.0000

Achromatomaly

25.1240, 22.1239, -2.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 25.1890, 60.5458, -6.3048 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(18, 5, 148)` looks like.

```
.text, #text, p{  
    color:rgb(18, 5, 148)  
}
```

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(18, 5, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 5, 148) }
```

Border

The CSS property to change the border of an element to YUV 25.1890, 60.5458, -6.3048 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(18, 5, 148) }
```


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

```
.border{ border-color:rgb(18, 5, 148) }
```

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

Here you see how a box with a 4 pixel rgb(18, 5, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 5, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 5, 148);  
box-shadow:4px 4px 4px 4px rgb(18, 5, 148)  
}
```

Background

The CSS property to change the background color of an element to YUV 25.1890, 60.5458, -6.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 5, 148) }
```

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

```
.background{ background-color: rgb(18, 5,  
148) }
```

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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