

Converting Colors

YUV(89.1690, 33.9337,
-10.6722)

Have a look what the booklet for
YUV(89.1690, 33.9337, -10.6722)
contains.

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Color

**YUV(89.1690, 33.9337,
-10.6722)**

Conversions

Conversions Part 1

Format	Color
Hex	4D529E
RGB	77, 82, 158
RGB Percent	30%, 32%, 62%
CMY	0.6980, 0.6784, 0.3804
CMYK	0.51, 0.48, 0.00, 0.38
HSL	236°, 34%, 46%
HSV	236°, 51%, 62%
XYZ	12.2494, 10.0810, 33.6480
YIQ	89.1690, -27.3760, 22.5760

Conversions

Conversions Part 2

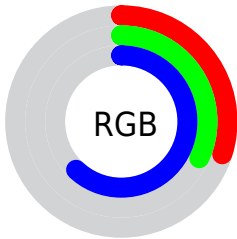
Format	Color
R _Y B	77, 82, 158
Decimal	5067422
CIE Lab	37.99, 19.85, -42.13
CIE LCh	38, 46.578, 295.230
Yxy	10.0810, 0.2188, 0.1801
Android (android.graphics.Color)	4283257502 (0xFF4D529E)
YUV	89.1690, 33.9337, -10.6722
Hunter-Lab	31.7506, 13.3020, -40.6077

Details

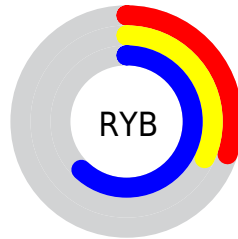
The YUV color **89.1690, 33.9337, -10.6722** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **145.8310, -33.9337, 10.6722**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3480, 35.8174, -8.1982**, and **39.4730, 32.7978, -19.7088** is the 20% darker color. If you saturate the color by 10%, you get **75.5800, 40.6331, -12.7867**, and if you desaturate by 10%, it is **102.7580, 27.2343, -8.5578**.

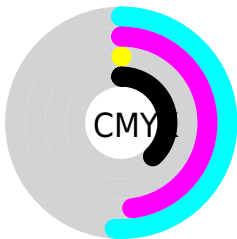
Distribution



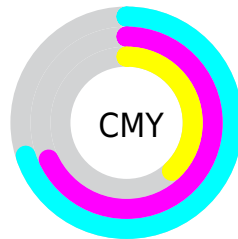
- Red (30%)
- Green (32%)
- Blue (62%)



- Red (30%)
- Yellow (32%)
- Blue (62%)



- Cyan (51%)
- Magenta (48%)
- Yellow (0%)
- Black (38%)



- Cyan (70%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1690, 33.9337, -10.6722 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 89.1690, 33.9337, -10.6722 by changing the saturation by 10% instead.

■ 89.1690, 33.9337,
-10.6722

■ 89.1690, 33.9337,
-10.6722

■ 255.0000, 0.0000,
0.0000

■ 64.3320, 33.3603,
-13.4462

■ 140.3480, 35.8174,
-8.1982

■ 39.4730, 32.7978,
-19.7088

■ 167.2880, 36.8330,
-7.2686

■ 19.8000, 30.1716,
-17.3646

■ 192.9910, 30.5704,
-5.2541

■ 6.6120, 25.3343,
-5.7987

■ 217.7990, 18.3401,
-2.4547

■ 5.1640, 14.7091,
-4.5288

■ 243.2050, 5.8149,
1.5742

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 89.1690, 33.9337,
-10.6722

■ 89.1690, 33.9337,
-10.6722

■ 75.5800, 40.6331,
-12.7867

■ 102.7580, 27.2343,
-8.5578

■ 61.9910, 47.3324,
-14.9011

■ 116.3470, 20.5349,
-6.4433

■ 49.2880, 53.5950,
-16.9156

■ 129.0500, 14.2724,
-4.4288

■ 35.6990, 60.2944,
-19.0300

■ 142.6390, 7.5730,
-2.3144

■ 23.8820, 66.1202,
-20.9445

■ 156.2280, 0.8736,
-0.2000

■ 169.8170, -5.8258,
1.9145

■ 183.4060,
-12.5252, 4.0289

■ 196.6960,
-19.0771, 5.5286

■ 209.6980,
-25.4871, 8.1579

Harmonies

Analogous

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



75.1620, 44.2901, -65.9171



89.1690, 33.9337, -10.6722



91.8880, 20.2682, 32.5472

Triad

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



89.1690, 33.9337, -10.6722



85.9140, -29.5376, 47.4334



71.5700, 5.1420, -62.7669

Complementary

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



89.1690, 33.9337, -10.6722



145.8310, -33.9337, 10.6722

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.



70.8590, -13.2415, -46.3573



89.1690, 33.9337, -10.6722



84.2690, -41.5446, 25.1971

Square

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



89.1690, 33.9337, -10.6722



85.4700, -12.5567, 60.9778



80.8740, -35.9269, -3.3975



76.6030, 21.8877, -67.1808

Rectangle

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



89.1690, 33.9337, -10.6722



89.0770, 10.3150, 51.6755



80.8740, -35.9269, -3.3975



70.0880, -0.5364, -61.4672

Sweetspot

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



89.1690, 33.9337, -10.6722



180.1210, 13.2513, -3.6141



133.2110, 9.7560, -49.2970



88.7530, 8.0098, -2.4144



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



89.1690, 33.9337, -10.6722



97.4020, 54.0318, -17.0156



96.6990, 30.2214, 13.4190



72.4990, 3.2050, -1.3146



21.5850, 59.8576, -18.9300



2.2970, 6.2626, -2.0145

Inverse Universe

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



101.7890, -9.7560, 49.2970



117.4830, -15.5211, 78.5064



138.3010, -30.2214, -13.4190



73.5060, -0.7425, 4.8182



43.7830, -17.1480, 87.0133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 89.1690, 33.9337, -10.6722 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 89.1690, 33.9337, -10.6722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

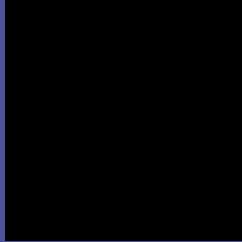
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.1690, 33.9337, -10.6722

Background



This preview shows how black text looks on a background with the YUV color 89.1690, 33.9337, -10.6722.



This preview shows how white text looks on a background with the YUV color 89.1690, 33.9337, -10.6722.

-10.6722.

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

89.1690, 33.9337, -10.6722

Protanopia

84.9000, 38.5033, -29.7303

Deuteranopia

80.7800, 37.0835, -41.0261



Tritanopia

85.1480, 8.8010, -22.9318

Trichromacy



Original Color

89.1690, 33.9337, -10.6722

Protanomaly

86.1890, 36.8818, -22.9678

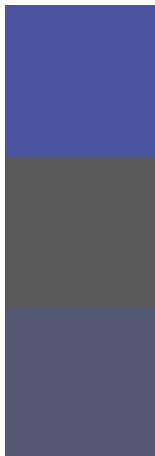
Deuteranomaly

83.9170, 36.0299, -29.7452

Tritanomaly

86.5860, 17.9521, -18.0539

Monochromacy



Original Color

89.1690, 33.9337, -10.6722

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8930, 12.3778, -3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1690, 33.9337, -10.6722 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(77, 82, 158)` looks like.

```
.text, #text, p{  
    color:rgb(77, 82, 158)  
}
```

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(77, 82, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 82, 158) }
```

Border

The CSS property to change the border of an element to YUV 89.1690, 33.9337, -10.6722 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(77, 82, 158) }
```


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

```
.border{ border-color:rgb(77, 82, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 82, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 82, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 82, 158);  
box-shadow:4px 4px 4px 4px rgb(77, 82,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 89.1690, 33.9337, -10.6722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 82, 158) }
```

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

```
.background{ background-color: rgb(77, 82,  
158) }
```

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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