

Converting Colors

YUV(88.9190, 29.6199,
-27.1160)

Have a look what the booklet for
YUV(88.9190, 29.6199, -27.1160)
contains.

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Color

**YUV(88.9190, 29.6199,
-27.1160)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5D95
RGB	58, 93, 149
RGB Percent	23%, 36%, 58%
CMY	0.7725, 0.6353, 0.4157
CMYK	0.61, 0.38, 0.00, 0.42
HSL	217°, 44%, 41%
HSV	217°, 61%, 58%
XYZ	11.0841, 10.8982, 29.9531
YIQ	88.9190, -38.8360, 9.9960

Conversions

Conversions Part 2

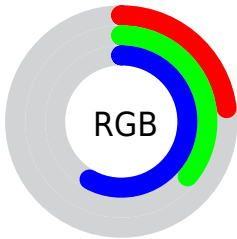
Format	Color
R _Y B	58, 83, 149
Decimal	3825045
CIE Lab	39.41, 5.45, -34.54
CIE LCh	39, 34.970, 278.969
Yxy	10.8982, 0.2134, 0.2098
Android (android.graphics.Color)	4282015125 (0xFF3A5D95)
YUV	88.9190, 29.6199, -27.1160
Hunter-Lab	33.0124, 2.1607, -30.6870

Details

The YUV color **88.9190, 29.6199, -27.1160** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **118.0810, -29.6199, 27.1160**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.8700, 30.6301, -24.4420**, and **39.3480, 28.9154, -34.5082** is the 20% darker color. If you saturate the color by 10%, you get **79.1510, 34.4356, -31.7044**, and if you desaturate by 10%, it is **98.6870, 24.8043, -22.5275**.

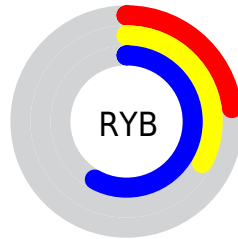
Distribution



Red (23%)

Green (36%)

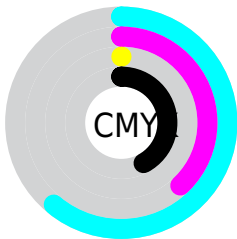
Blue (58%)



Red (23%)

Yellow (33%)

Blue (58%)

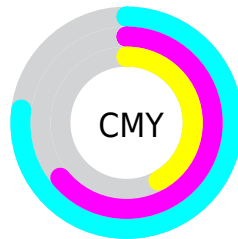


Cyan (61%)

Magenta (38%)

Yellow (0%)

Black (42%)



Cyan (77%)

Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.9190, 29.6199, -27.1160 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 88.9190, 29.6199, -27.1160 by changing the saturation by 10% instead.

■ 88.9190, 29.6199,
-27.1160

■ 88.9190, 29.6199,
-27.1160

■ 255.0000, 0.0000,
0.0000

■ 63.1850, 29.4888,
-31.7342

■ 140.8700, 30.6301,
-24.4420

■ 39.3480, 28.9154,
-34.5082

■ 167.5110, 31.7931,
-24.1271

■ 24.2850, 24.5095,
-21.2979

■ 194.9410, 29.6091,
-23.6273

■ 6.9880, 21.6979,
-6.1285

■ 219.4610, 17.5207,
-19.6983

■ 4.4800, 12.0884,
-3.9290

■ 244.8560, 5.0010,
-17.4137

■ 0.0000, 0.0000,
0.0000

■ 88.9190, 29.6199,
-27.1160

■ 88.9190, 29.6199,
-27.1160

■ 79.1510, 34.4356,
-31.7044

■ 98.6870, 24.8043,
-22.5275

■ 69.3830, 39.2512,
-36.2929

■ 108.4550, 19.9887,
-17.9390

■ 59.0280, 44.3562,
-40.3666

■ 118.8100, 14.8837,
-13.8654

■ 50.4450, 48.5876,
-44.2403

■ 128.5780, 10.0680,
-9.2769

■ 138.0470, 5.3998,
-5.3032

■ 147.8150, 0.5842,
-0.7148

■ 157.5830, -4.2314,
3.8737

■ 167.3510, -9.0470,

8.4622

■ 177.7060,
-14.1521, 12.5358

Harmonies

Analogous

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



75.9310, 34.5440, -66.5915



88.9190, 29.6199, -27.1160



95.4460, 20.4861, 9.2559

Triad

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



88.9190, 29.6199, -27.1160



92.5080, -17.0124, 43.4045



77.7910, -3.3480, -46.2977

Complementary

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



88.9190, 29.6199, -27.1160



118.0810, -29.6199, 27.1160

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.



85.5750, -19.0175, -13.6593



88.9190, 29.6199, -27.1160



91.4280, -25.8470, 30.3196

Square

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



88.9190, 29.6199, -27.1160



93.2600, -4.0722, 46.2530



89.2530, -27.2397, 10.3021



74.3230, 13.1518, -65.1813

Rectangle

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



88.9190, 29.6199, -27.1160



96.0200, 13.3011, 27.1695



89.2530, -27.2397, 10.3021



81.8590, -9.7905, -33.2023

Sweetspot

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



88.9190, 29.6199, -27.1160



170.6210, 11.5258, -10.1916



117.6870, -2.3107, -52.3455



83.0900, 6.8576, -6.2179



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.



88.9190, 29.6199, -27.1160



100.4730, 46.1088, -42.5108



71.0650, 38.4220, -3.5650



68.9720, 2.4788, -1.7294



46.8430, 44.9404, -41.0813



3.4880, 3.2104, -3.0590

Inverse Universe

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



89.1990, 1.8739, 52.4455



100.7280, 3.0921, 81.7995



135.9350, -38.4220, 3.5650



69.3210, -0.1583, 4.1035



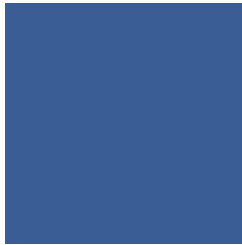
47.3040, 2.8081, 79.5404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 88.9190, 29.6199, -27.1160 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 88.9190, 29.6199, -27.1160 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 88.9190, 29.6199, -27.1160

Background



This preview shows how black text looks on a background with the YUV color 88.9190, 29.6199, -27.1160.



This preview shows how white text looks on a background with the YUV color 88.9190, 29.6199,

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

88.9190, 29.6199, -27.1160

Protanopia

91.4040, 27.4088, -17.8943

Deuteranopia

89.2180, 29.4725, -26.5012



Tritanopia

83.3740, 12.6336, -38.9160

Trichromacy



Original Color

88.9190, 29.6199, -27.1160

Protanomaly

90.6100, 28.2933, -21.5830

Deuteranomaly

89.2180, 29.4725, -26.5012

Tritanomaly

85.4160, 19.0219, -34.5678

Monochromacy



Original Color

88.9190, 29.6199, -27.1160

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8060, 10.9416, -9.4769

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.9190, 29.6199, -27.1160 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(58, 93, 149)` looks like.

```
.text, #text, p{  
    color:rgb(58, 93, 149)  
}
```

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(58, 93, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 93, 149) }
```

Border

The CSS property to change the border of an element to YUV 88.9190, 29.6199, -27.1160 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(58, 93, 149) }
```


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

```
.border{ border-color:rgb(58, 93, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 93, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 93, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 93, 149);  
box-shadow:4px 4px 4px 4px rgb(58, 93,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 88.9190, 29.6199, -27.1160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 93, 149) }
```

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

```
.background{ background-color: rgb(58, 93,  
149) }
```

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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