

Converting Colors

YUV(89.3810, 28.8992,
-29.2751)

Have a look what the booklet for
YUV(89.3810, 28.8992, -29.2751)
contains.

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Color

**YUV(89.3810, 28.8992,
-29.2751)**

Conversions

Conversions Part 1

Format	Color
Hex	385F94
RGB	56, 95, 148
RGB Percent	22%, 37%, 58%
CMY	0.7804, 0.6275, 0.4196
CMYK	0.62, 0.36, 0.00, 0.42
HSL	215°, 45%, 40%
HSV	215°, 62%, 58%
XYZ	11.0684, 11.1633, 29.5883
YIQ	89.3810, -40.2570, 8.2150

Conversions

Conversions Part 2

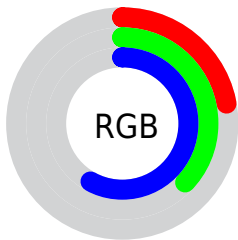
Format	Color
R_{YB}	56, 83, 148
Decimal	3694484
CIE _{Lab}	39.85, 3.42, -33.24
CIE _{LCh}	40, 33.419, 275.866
Yxy	11.1633, 0.2136, 0.2154
Android (android.graphics.Color)	4281884564 (0xFF385F94)
YUV	89.3810, 28.8992, -29.2751
Hunter-Lab	33.4115, 0.6624, -29.1176




Details

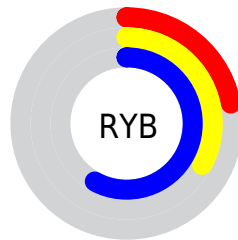
The YUV color **89.3810, 28.8992, -29.2751** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **114.6190, -28.8992, 29.2751**, and the grayscale version is **89.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **141.3320, 29.9093, -26.6012**, and **39.8210, 28.1892, -34.9230** is the 20% darker color. If you saturate the color by 10%, you get **79.6130, 33.7148, -33.8636**, and if you desaturate by 10%, it is **99.1490, 24.0835, -24.6867**.

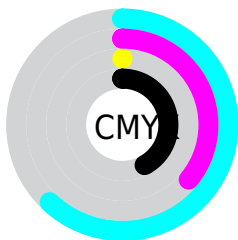
Distribution







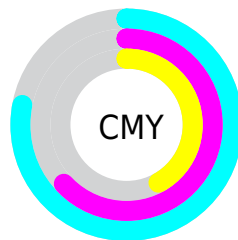
-  Red (22%)
-  Green (37%)
-  Blue (58%)






-  Red (22%)
-  Yellow (33%)
-  Blue (58%)



-  Cyan (62%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (78%)
-  Magenta (63%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3810, 28.8992, -29.2751 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 89.3810, 28.8992, -29.2751 by changing the saturation by 10% instead.

■ 89.3810, 28.8992,
-29.2751

■ 89.3810, 28.8992,
-29.2751

■ 255.0000, 0.0000,
0.0000

■ 63.3480, 28.9154,
-34.5082

■ 141.3320, 29.9093,
-26.6012

■ 39.8210, 28.1892,
-34.9230

■ 168.8590, 30.6355,
-26.1863

■ 25.3450, 23.4939,
-22.2276

■ 195.5170, 29.3251,
-25.8864

■ 6.8740, 21.2611,
-6.0285

■ 220.6240, 16.9474,
-22.4722

■ 4.3660, 11.6516,
-3.8290

■ 245.7310, 4.5696,
-19.0581

■ 0.0000, 0.0000,
0.0000

254.4020, 0.2948,

-1.2296

■ 89.3810, 28.8992,
-29.2751

■ 89.3810, 28.8992,
-29.2751

■ 79.6130, 33.7148,
-33.8636

■ 99.1490, 24.0835,
-24.6867

■ 70.4320, 38.2410,
-38.9669

■ 108.3300, 19.5573,
-19.5834

■ 60.9630, 42.9092,
-42.9406

■ 117.7990, 14.8891,
-15.6097

■ 53.8530, 46.4145,
-47.2291

■ 126.9800, 10.3629,
-10.5065

■ 136.7480, 5.5472,
-5.9180

■ 145.9290, 1.0210,
-0.8147

■ 155.6970, -3.7946,
3.7737

■ 164.5790, -8.1734,
8.2622

■ 174.3470,
-12.9891, 12.8507

Harmonies

Analogous

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



76.7630, 32.6548, -67.3212



89.3810, 28.8992, -29.2751



96.4240, 20.4970, 5.7672

Triad

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



89.3810, 28.8992, -29.2751



93.6650, -15.1178, 42.3898



81.6780, -5.2643, -38.3056

Complementary

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



89.3810, 28.8992, -29.2751



114.6190, -28.8992, 29.2751

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.



88.0700, -19.7545, -10.5854



89.3810, 28.8992, -29.2751



92.5960, -23.9578, 31.0493

Square

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



89.3810, 28.8992, -29.2751



94.9930, -2.4615, 42.9791



90.9050, -26.0822, 12.3613



74.6820, 11.9888, -65.4961

Rectangle

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



89.3810, 28.8992, -29.2751



97.1120, 13.7488, 23.5808



90.9050, -26.0822, 12.3613



84.5500, -11.1171, -27.6693

Sweetspot

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



89.3810, 28.8992, -29.2751



167.9090, 11.3839, -11.3212



115.9320, -3.9105, -52.5604



82.7910, 7.0050, -6.8327



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.



89.3810, 28.8992, -29.2751



100.1090, 44.8093, -45.6996



68.2820, 39.3010, -5.5093



69.5590, 2.1894, -2.2442



49.7780, 43.4934, -43.6553



3.4880, 3.2104, -3.0590

Inverse Universe

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



87.9540, 3.4737, 52.6603



97.7110, 5.5655, 81.8145



135.7180, -39.3010, 5.5093



69.4350, 0.2785, 4.0035



47.8740, 4.9921, 79.0405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 89.3810, 28.8992, -29.2751 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 89.3810, 28.8992, -29.2751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

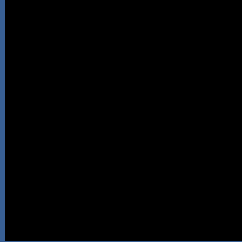
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3810, 28.8992, -29.2751

Background



This preview shows how black text looks on a background with the YUV color 89.3810, 28.8992, -29.2751.

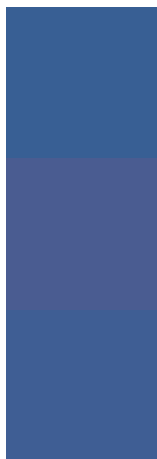


This preview shows how white text looks on a background with the YUV color 89.3810, 28.8992,

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

89.3810, 28.8992, -29.2751

Protanopia

92.6600, 25.8036, -16.3648

Deuteranopia

90.8870, 28.1567, -24.4569



Tritanopia

84.4770, 13.0758, -40.7603

Trichromacy



Original Color

89.3810, 28.8992, -29.2751

Protanomaly

91.2680, 26.9829, -21.2830

Deuteranomaly

89.9900, 28.5989, -26.3012

Tritanomaly

86.2910, 18.5905, -36.2122

Monochromacy



Original Color

89.3810, 28.8992, -29.2751

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9800, 10.3629, -10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3810, 28.8992, -29.2751 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(56, 95, 148)` looks like.

```
.text, #text, p{  
    color:rgb(56, 95, 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(56, 95, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 95, 148) }
```

Border

The CSS property to change the border of an element to YUV 89.3810, 28.8992, -29.2751 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(56, 95, 148) }
```


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

```
.border{ border-color:rgb(56, 95, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 95, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 95, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 95, 148);  
box-shadow:4px 4px 4px 4px rgb(56, 95,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 89.3810, 28.8992, -29.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 95, 148) }
```

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

```
.background{ background-color: rgb(56, 95,  
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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