

Converting Colors

YUV(89.4610, 34.2827,
-29.3453)

Have a look what the booklet for
YUV(89.4610, 34.2827, -29.3453)
contains.

YUV(89.4610, 34.2827, -29.3453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(89.4610, 34.2827,
-29.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	385D9F
RGB	56, 93, 159
RGB Percent	22%, 36%, 62%
CMY	0.7804, 0.6353, 0.3765
CMYK	0.65, 0.42, 0.00, 0.38
HSL	218°, 48%, 42%
HSV	218°, 65%, 62%
XYZ	11.8032, 11.1727, 34.3353
YIQ	89.4610, -43.2380, 12.6820

Conversions

Conversions Part 2

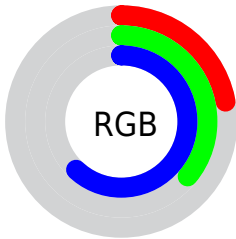
Format	Color
R_{YB}	56, 83, 159
Decimal	3693983
CIE _{Lab}	39.87, 8.64, -39.80
CIE _{LCh}	40, 40.730, 282.242
Yxy	11.1727, 0.2059, 0.1949
Android (android.graphics.Color)	4281884063 (0xFF385D9F)
YUV	89.4610, 34.2827, -29.3453
Hunter-Lab	33.4255, 4.5374, -37.5059

Details

The YUV color **89.4610, 34.2827, -29.3453** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **125.5390, -34.2827, 29.3453**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.1240, 35.4349, -25.5417**, and **40.3740, 32.8466, -35.4080** is the 20% darker color. If you saturate the color by 10%, you get **78.8070, 39.5351, -34.0337**, and if you desaturate by 10%, it is **100.1150, 29.0303, -24.6569**.

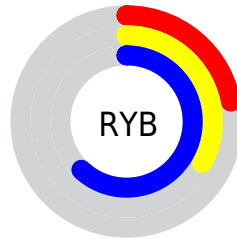
Distribution



Red (22%)

Green (36%)

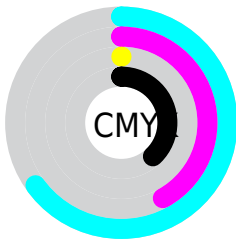
Blue (62%)



Red (22%)

Yellow (33%)

Blue (62%)

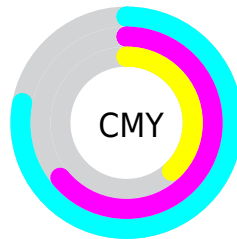


Cyan (65%)

Magenta (42%)

Yellow (0%)

Black (38%)



Cyan (78%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4610, 34.2827, -29.3453 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 89.4610, 34.2827, -29.3453 by changing the saturation by 10% instead.

■ 89.4610, 34.2827,
-29.3453

■ 89.4610, 34.2827,
-29.3453

■ 255.0000, 0.0000,
0.0000

■ 62.5310, 34.7412,
-36.4227

■ 142.1240, 35.4349,
-25.5417

■ 40.3740, 32.8466,
-35.4080

■ 169.0640, 36.4504,
-24.6121

■ 25.7840, 27.7145,
-22.6126

■ 194.6530, 29.7511,
-22.4977

■ 6.7260, 25.7711,
-5.8987

■ 219.7600, 17.3733,
-19.0835

■ 5.2780, 15.1459,
-4.6288

■ 245.4540, 4.7062,
-16.1842

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,

0.0000

■ 89.4610, 34.2827,
-29.3453

■ 89.4610, 34.2827,
-29.3453

■ 78.8070, 39.5351,
-34.0337

■ 100.1150, 29.0303,
-24.6569

■ 68.1530, 44.7876,
-38.7222

■ 110.7690, 23.7779,
-19.9684

■ 56.9120, 50.3294,
-42.8958

■ 122.0100, 18.2361,
-15.7948

■ 51.5850, 52.9556,
-45.2400

■ 132.6640, 12.9836,
-11.1063

■ 143.3180, 7.7312,
-6.4179

■ 153.6730, 2.6262,
-2.3442

■ 164.3270, -2.6262,
2.3442

■ 175.5680, -8.1680,
6.5179

■ 186.2220,
-13.4204, 11.2063

Harmonies

Analogous

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



78.3590, 38.7700, -68.7208



89.4610, 34.2827, -29.3453



96.4620, 22.9432, 14.5038

Triad

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



89.4610, 34.2827, -29.3453



92.3300, -20.3757, 48.8226



72.1910, -0.0942, -63.3115

Complementary

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



89.4610, 34.2827, -29.3453



125.5390, -34.2827, 29.3453

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.



84.3740, -20.8904, -19.6220



89.4610, 34.2827, -29.3453



91.3590, -31.2360, 32.1342

Square

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



89.4610, 34.2827, -29.3453



93.2610, -5.5517, 54.1451



89.1620, -32.6179, 8.6279



76.7680, 14.9044, -67.3255

Rectangle

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



89.4610, 34.2827, -29.3453



96.0040, 14.2950, 35.0765



89.1620, -32.6179, 8.6279



77.3410, -7.5631, -47.6571

Sweetspot

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



89.4610, 34.2827, -29.3453



179.7780, 13.4204, -11.2063



123.8710, -1.4154, -59.5229



88.4320, 8.1680, -6.5179



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.



89.4610, 34.2827, -29.3453



97.5140, 53.9766, -46.0548



71.9280, 42.9265, -1.6909



73.6730, 2.6262, -2.3442



46.2390, 47.7032, -40.5516



4.6450, 5.1050, -4.0737

Inverse Universe

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



91.0150, 0.9786, 59.6228



100.0500, 1.4544, 93.7952



143.0720, -42.9265, 1.6909



73.7340, 0.1311, 4.6183



48.5710, 1.1975, 82.8142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 89.4610, 34.2827, -29.3453 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 89.4610, 34.2827, -29.3453 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 89.4610, 34.2827, -29.3453

Background



This preview shows how black text looks on a background with the YUV color 89.4610, 34.2827, -29.3453.



This preview shows how white text looks on a background with the YUV color 89.4610, 34.2827,

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

89.4610, 34.2827, -29.3453

Protanopia

91.1630, 32.9506, -22.0680

Deuteranopia

87.3570, 35.3200, -35.3931



Tritanopia

81.6010, 14.9867, -47.0081

Trichromacy



Original Color

89.4610, 34.2827, -29.3453

Protanomaly

90.5540, 33.2509, -25.0419

Deuteranomaly

88.2540, 34.8778, -33.5488

Tritanomaly

84.1810, 22.0958, -40.5007

Monochromacy



Original Color

89.4610, 34.2827, -29.3453

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8490, 12.3994, -10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4610, 34.2827, -29.3453 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, 93, 159)` looks like.

```
.text, #text, p{  
    color:rgb(56, 93, 159)  
}
```

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, 93, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 93, 159) }
```

Border

The CSS property to change the border of an element to YUV 89.4610, 34.2827, -29.3453 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, 93, 159) }
```


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

```
.border{ border-color:rgb(56, 93, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 93, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 93, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 93, 159);  
box-shadow:4px 4px 4px 4px rgb(56, 93,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 89.4610, 34.2827, -29.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 93, 159) }
```

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

```
.background{ background-color: rgb(56, 93,  
159) }
```

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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