

Converting Colors

YUV(85.9680, 28.6098,
-29.7899)

Have a look what the booklet for
YUV(85.9680, 28.6098, -29.7899)
contains.

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Color

**YUV(85.9680, 28.6098,
-29.7899)**

Conversions

Conversions Part 1

Format	Color
Hex	345C90
RGB	52, 92, 144
RGB Percent	20%, 36%, 56%
CMY	0.7961, 0.6392, 0.4353
CMYK	0.64, 0.36, 0.00, 0.44
HSL	214°, 47%, 38%
HSV	214°, 64%, 56%
XYZ	10.2774, 10.3980, 27.8509
YIQ	85.9680, -40.5320, 7.6920

Conversions

Conversions Part 2

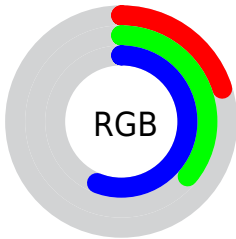
Format	Color
RYB	52, 80, 144
Decimal	3431568
CIELab	38.55, 3.09, -32.91
CIElCh	39, 33.054, 275.359
Yxy	10.3980, 0.2118, 0.2143
Android (android.graphics.Color)	4281621648 (0xFF345C90)
YUV	85.9680, 28.6098, -29.7899
Hunter-Lab	32.2459, 0.4609, -28.6369

Details

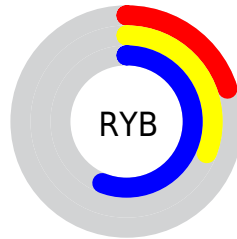
The YUV color **85.9680, 28.6098, -29.7899** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **110.0320, -28.6098, 29.7899**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9190, 29.6199, -27.1160**, and **38.1910, 27.0208, -33.4935** is the 20% darker color. If you saturate the color by 10%, you get **77.0860, 32.9886, -34.2784**, and if you desaturate by 10%, it is **94.8500, 24.2310, -25.3014**.

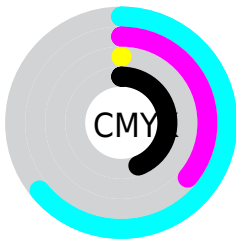
Distribution



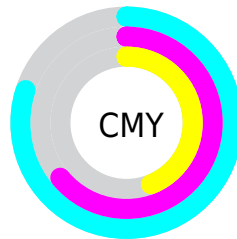
- Red (20%)
- Green (36%)
- Blue (56%)



- Red (20%)
- Yellow (31%)
- Blue (56%)



- Cyan (64%)
- Magenta (36%)
- Yellow (0%)
- Black (44%)



- Cyan (80%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.9680, 28.6098, -29.7899 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 85.9680, 28.6098, -29.7899 by changing the saturation by 10% instead.

■ 85.9680, 28.6098,
-29.7899

■ 85.9680, 28.6098,
-29.7899

■ 255.0000, 0.0000,
0.0000

■ 59.6360, 28.7735,
-35.6378

■ 137.9190, 29.6199,
-27.1160

■ 38.1910, 27.0208,
-33.4935

■ 164.7450, 30.1987,
-26.0864

■ 23.7150, 22.3255,
-20.7981

■ 191.9730, 31.0723,
-26.2863

■ 7.7060, 19.3719,
-6.7582

■ 217.0800, 18.6946,
-22.8722

■ 3.4370, 10.6306,
-3.0142

■ 242.4750, 6.1748,
-20.5876

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 85.9680, 28.6098,
-29.7899

■ 85.9680, 28.6098,
-29.7899

■ 77.0860, 32.9886,
-34.2784

■ 94.8500, 24.2310,
-25.3014

■ 67.9050, 37.5148,
-39.3817

■ 104.0310, 19.7047,
-20.1982

■ 59.0230, 41.8937,
-43.8702

■ 112.9130, 15.3259,
-15.7097

■ 53.3970, 44.6673,
-46.8292

■ 122.6810, 10.5103,
-11.1212

■ 131.5630, 6.1314,
-6.6328

■ 140.4450, 1.7526,
-2.1443

■ 149.6260, -2.7736,
2.9590

■ 158.5080, -7.1524,
7.4475

■ 167.6890,
-11.6787, 12.5507

Harmonies

Analogous

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



73.9590, 32.0652, -64.8620



85.9680, 28.6098, -29.7899



93.1250, 20.6444, 5.1524

Triad

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



85.9680, 28.6098, -29.7899



90.4800, -14.5336, 41.6750



78.8630, -5.8485, -37.5909

Complementary

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



85.9680, 28.6098, -29.7899



110.0320, -28.6098, 29.7899

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.



84.7820, -19.6125, -9.4558



85.9680, 28.6098, -29.7899



89.4110, -23.3736, 30.3346

Square

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



85.9680, 28.6098, -29.7899



91.6940, -2.3141, 42.3644



87.9050, -26.0822, 12.3613



71.8780, 11.3991, -63.0370

Rectangle

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



85.9680, 28.6098, -29.7899



93.8130, 13.8962, 22.9660



87.9050, -26.0822, 12.3613



81.2620, -10.9752, -26.5398

Sweetspot

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



85.9680, 28.6098, -29.7899



163.7950, 10.9471, -11.2212



111.8180, -4.3473, -52.4604



80.6770, 6.5682, -6.7327



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



85.9680, 28.6098, -29.7899



95.6960, 44.5199, -46.2144



63.9830, 39.4484, -6.1241



66.5590, 2.1894, -2.2442



50.0230, 41.8937, -43.8702



2.6730, 2.6262, -2.3442

Inverse Universe

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



84.0680, 3.9105, 52.5604



92.8250, 6.0023, 81.7145



132.0170, -39.4484, 6.1241



66.4350, 0.2785, 4.0035



47.0910, 5.8711, 77.0962



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 85.9680, 28.6098, -29.7899 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 85.9680, 28.6098, -29.7899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

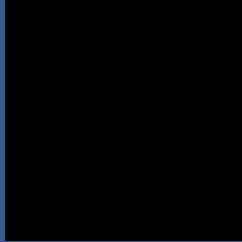
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.9680, 28.6098, -29.7899

Background



This preview shows how black text looks on a background with the YUV color 85.9680, 28.6098, -29.7899.



This preview shows how white text looks on a background with the YUV color 85.9680, 28.6098,

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

85.9680, 28.6098, -29.7899

Protanopia

89.5460, 25.3668, -16.2648

Deuteranopia

87.7730, 27.7199, -24.3569



Tritanopia

79.9930, 13.8075, -42.0899

Trichromacy



Original Color

85.9680, 28.6098, -29.7899

Protanomaly

88.1540, 26.5461, -21.1831

Deuteranomaly

86.8760, 28.1621, -26.2013

Tritanomaly

81.8070, 19.3221, -37.5417

Monochromacy



Original Color

85.9680, 28.6098, -29.7899

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9800, 10.3629, -10.5065

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9680, 28.6098, -29.7899 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(52, 92, 144)` looks like.

```
.text, #text, p{  
    color:rgb(52, 92, 144)  
}
```

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(52, 92, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 92, 144) }
```

Border

The CSS property to change the border of an element to YUV 85.9680, 28.6098, -29.7899 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(52, 92, 144) }
```


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

```
.border{ border-color:rgb(52, 92, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 92, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 92, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 92, 144);  
box-shadow:4px 4px 4px 4px rgb(52, 92,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 85.9680, 28.6098, -29.7899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 92, 144) }
```

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

```
.background{ background-color: rgb(52, 92,  
144) }
```

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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