

Converting Colors

YUV(83.5760, 29.7890,
-34.7082)

Have a look what the booklet for
YUV(83.5760, 29.7890, -34.7082)
contains.

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Color

**YUV(83.5760, 29.7890,
-34.7082)**

Conversions

Conversions Part 1

Format	Color
Hex	2C5C90
RGB	44, 92, 144
RGB Percent	17%, 36%, 56%
CMY	0.8275, 0.6392, 0.4353
CMYK	0.69, 0.36, 0.00, 0.44
HSL	211°, 53%, 37%
HSV	211°, 69%, 56%
XYZ	9.8999, 10.2034, 27.8332
YIQ	83.5760, -45.3000, 5.9960

Conversions

Conversions Part 2

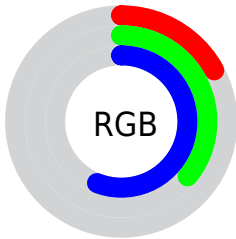
Format	Color
R_{YB}	44, 76, 144
Decimal	2907280
CIE _{Lab}	38.21, 1.61, -33.47
CIE _{LCh}	38, 33.512, 272.754
Yxy	10.2034, 0.2065, 0.2129
Android (android.graphics.Color)	4281097360 (0xFF2C5C90)
YUV	83.5760, 29.7890, -34.7082
Hunter-Lab	31.9427, -0.5779, -29.3023

Details

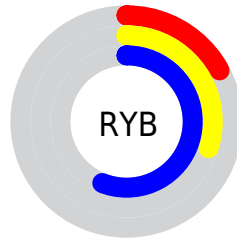
The YUV color **83.5760, 29.7890, -34.7082** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **104.4240, -29.7890, 34.7082**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1250, 30.5044, -30.8046**, and **38.1910, 27.0208, -33.4935** is the 20% darker color. If you saturate the color by 10%, you get **75.2810, 33.8785, -39.7114**, and if you desaturate by 10%, it is **91.8710, 25.6996, -29.7049**.

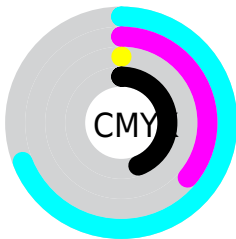
Distribution



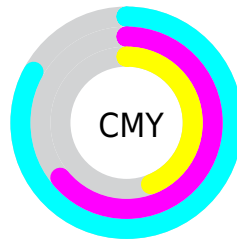
- Red (17%)
- Green (36%)
- Blue (56%)



- Red (17%)
- Yellow (30%)
- Blue (56%)



- Cyan (69%)
- Magenta (36%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5760, 29.7890, -34.7082 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 83.5760, 29.7890, -34.7082 by changing the saturation by 10% instead.

■ 83.5760, 29.7890,
-34.7082

■ 83.5760, 29.7890,
-34.7082

■ 255.0000, 0.0000,
0.0000

■ 54.2540, 31.4268,
-46.7038

■ 136.1250, 30.5044,
-30.8046

■ 38.1910, 27.0208,
-33.4935

■ 162.9510, 31.0832,
-29.7750

■ 23.7150, 22.3255,
-20.7981

■ 190.4780, 31.8093,
-29.3602

■ 7.7060, 19.3719,
-6.7582

■ 215.2860, 19.5790,
-26.5608

■ 3.4370, 10.6306,
-3.0142

■ 240.9800, 6.9119,
-23.6615

■ 0.0000, 0.0000,
0.0000

■ 251.4120, 1.7689,

-7.3773

■ 83.5760, 29.7890,
-34.7082

■ 83.5760, 29.7890,
-34.7082

■ 75.2810, 33.8785,
-39.7114

■ 91.8710, 25.6996,
-29.7049

■ 66.1000, 38.4047,
-44.8147

■ 101.0520, 21.1734,
-24.6016

■ 57.8050, 42.4941,
-49.8180

■ 109.3470, 17.0839,
-19.5983

■ 56.9190, 42.9309,
-49.9180

■ 118.5280, 12.5577,
-14.4951

■ 126.8230, 8.4683,
-9.4918

■ 135.7050, 4.0894,
-5.0033

■ 144.2990, -0.1474,
0.6148

■ 153.1810, -4.5262,
5.1033

■ 161.7750, -8.7631,
10.7213

Harmonies

Analogous

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



73.8450, 31.6284, -64.7621



83.5760, 29.7890, -34.7082



92.0430, 21.6708, 2.5933

Triad

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



83.5760, 29.7890, -34.7082



89.7190, -13.6655, 43.2194



78.5320, -7.1643, -35.5466

Complementary

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



83.5760, 29.7890, -34.7082



104.4240, -29.7890, 34.7082

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.



84.1520, -20.7809, -8.0263



83.5760, 29.7890, -34.7082



88.5360, -22.9422, 31.9789

Square

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



83.5760, 29.7890, -34.7082



90.9220, -1.4405, 42.1644



86.8020, -26.5244, 14.2056



71.5360, 10.0888, -62.7371

Rectangle

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



83.5760, 29.7890, -34.7082



93.0300, 14.7752, 21.0217



86.8020, -26.5244, 14.2056



80.9310, -12.2910, -24.4955

Sweetspot

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



83.5760, 29.7890, -34.7082



162.5990, 11.5367, -13.6803



108.6280, -6.2256, -56.6788



80.0790, 6.8631, -7.9623



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.



83.5760, 29.7890, -34.7082



92.9940, 45.8520, -53.4917



55.9980, 43.3850, -8.7682



67.1460, 1.9000, -2.7590



53.5450, 40.1573, -46.9590



3.2600, 2.3368, -2.8590

Inverse Universe

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



79.3720, 6.2256, 56.6788



86.4820, 9.6224, 87.2773



132.0020, -43.3850, 8.7682



66.5490, 0.7153, 3.9035



47.7750, 8.4919, 76.4963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 83.5760, 29.7890, -34.7082 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 83.5760, 29.7890, -34.7082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

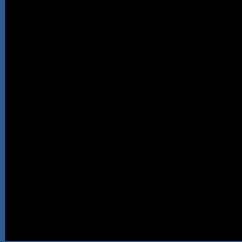
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5760, 29.7890, -34.7082

Background



This preview shows how black text looks on a background with the YUV color 83.5760, 29.7890, -34.7082.



This preview shows how white text looks on a background with the YUV color 83.5760, 29.7890,

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

83.5760, 29.7890, -34.7082

Protanopia

88.5460, 25.3668, -16.2648

Deuteranopia

86.4030, 28.8883, -25.7864



Tritanopia

74.0130, 16.7556, -54.3854

Trichromacy



Original Color

83.5760, 29.7890, -34.7082

Protanomaly

86.5560, 26.8409, -22.4126

Deuteranomaly

85.4950, 29.3360, -29.3751

Tritanomaly

77.3220, 21.5333, -46.7634

Monochromacy



Original Color

83.5760, 29.7890, -34.7082

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7840, 10.9525, -12.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5760, 29.7890, -34.7082 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(44, 92, 144)` looks like.

```
.text, #text, p{  
    color:rgb(44, 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(44, 92, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 92, 144) }
```

Border

The CSS property to change the border of an element to YUV 83.5760, 29.7890, -34.7082 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(44, 92, 144) }
```


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

```
.border{ border-color:rgb(44, 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(44, 92, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 92, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 92, 144);  
box-shadow:4px 4px 4px 4px rgb(44, 92,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 83.5760, 29.7890, -34.7082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 92, 144) }
```

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

```
.background{ background-color: rgb(44, 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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