

Converting Colors

YUV(87.7830, 29.1940,
-30.5047)

Have a look what the booklet for
YUV(87.7830, 29.1940, -30.5047)
contains.

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Color

**YUV(87.7830, 29.1940,
-30.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	355E93
RGB	53, 94, 147
RGB Percent	21%, 37%, 58%
CMY	0.7922, 0.6314, 0.4235
CMYK	0.64, 0.36, 0.00, 0.42
HSL	214°, 47%, 39%
HSV	214°, 64%, 58%
XYZ	10.7374, 10.8689, 29.1357
YIQ	87.7830, -41.4490, 7.7910

Conversions

Conversions Part 2

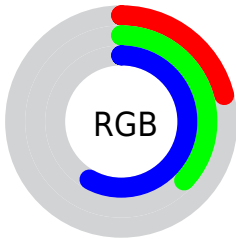
Format	Color
RYB	53, 82, 147
Decimal	3497619
CIELab	39.36, 3.09, -33.43
CIElCh	39, 33.577, 275.284
Yxy	10.8689, 0.2116, 0.2142
Android (android.graphics.Color)	4281687699 (0xFF355E93)
YUV	87.7830, 29.1940, -30.5047
Hunter-Lab	32.9680, 0.4418, -29.3205

Details

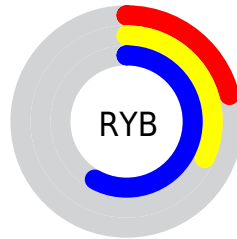
The YUV color **87.7830, 29.1940, -30.5047** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **112.2170, -29.1940, 30.5047**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.0330, 30.0567, -27.2159**, and **39.7070, 27.7524, -34.8230** is the 20% darker color. If you saturate the color by 10%, you get **78.6020, 33.7202, -35.6080**, and if you desaturate by 10%, it is **96.9640, 24.6677, -25.4014**.

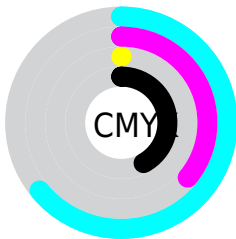
Distribution



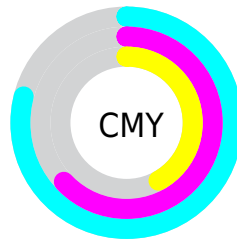
- Red (21%)
- Green (37%)
- Blue (58%)



- Red (21%)
- Yellow (32%)
- Blue (58%)



- Cyan (64%)
- Magenta (36%)
- Yellow (0%)
- Black (42%)



- Cyan (79%)
- Magenta (63%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7830, 29.1940, -30.5047 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 87.7830, 29.1940, -30.5047 by changing the saturation by 10% instead.

87.7830, 29.1940,
-30.5047

87.7830, 29.1940,
-30.5047

255.0000, 0.0000,
0.0000

61.1520, 29.5051,
-36.9673

140.0330, 30.0567,
-27.2159

39.7070, 27.7524,
-34.8230

166.6740, 31.2197,
-26.9011

24.6440, 23.3465,
-21.6128

194.3320, 29.9093,
-26.6012

7.9340, 20.2455,
-6.9581

219.1400, 17.6790,
-23.8018

3.6650, 11.5042,
-3.2142

244.2470, 5.3012,
-20.3876

0.0000, 0.0000,
0.0000

253.5050, 0.7370,

-3.0739

■ 87.7830, 29.1940,
-30.5047

■ 87.7830, 29.1940,
-30.5047

■ 78.6020, 33.7202,
-35.6080

■ 96.9640, 24.6677,
-25.4014

■ 69.1330, 38.3884,
-39.5816

■ 106.4330, 19.9995,
-21.4277

■ 59.9520, 42.9147,
-44.6849

■ 115.6140, 15.4733,
-16.3245

■ 54.3260, 45.6883,
-47.6439

■ 124.7950, 10.9471,
-11.2212

■ 133.9760, 6.4208,
-6.1180

■ 143.4450, 1.7526,
-2.1443

■ 152.6260, -2.7736,
2.9590

■ 161.8070, -7.2999,
8.0623

■ 171.2760,
-11.9681, 12.0359

Harmonies

Analogous

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



76.0620, 32.5074, -66.7064



87.7830, 29.1940, -30.5047



95.1250, 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.



87.7830, 29.1940, -30.5047



92.7790, -14.6810, 42.2898



80.5640, -5.7011, -38.2056

Complementary

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



87.7830, 29.1940, -30.5047



112.2170, -29.1940, 30.5047

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.



86.3690, -19.9019, -9.9706



87.7830, 29.1940, -30.5047



91.5960, -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.



87.7830, 29.1940, -30.5047



93.4060, -2.1722, 43.4939



89.7910, -26.5190, 12.4613



73.8670, 11.4046, -64.7814

Rectangle

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



87.7830, 29.1940, -30.5047



95.8130, 13.8962, 22.9660



89.7910, -26.5190, 12.4613



83.4360, -11.5539, -27.5694

Sweetspot

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



87.7830, 29.1940, -30.5047



168.4960, 11.0945, -11.8360



114.1060, -4.4893, -53.5900



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.



87.7830, 29.1940, -30.5047



98.3260, 45.6883, -47.6439



65.2110, 40.3220, -6.3240



69.5590, 2.1894, -2.2442



50.9520, 42.9147, -44.6849



3.4880, 3.2104, -3.0590

Inverse Universe

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



85.7800, 4.0525, 53.6899



95.2490, 6.2862, 83.9736



134.7890, -40.3220, 6.3240



69.4350, 0.2785, 4.0035



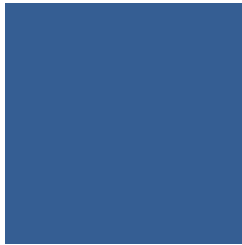
48.1020, 5.8657, 78.8405



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 87.7830, 29.1940, -30.5047 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 87.7830, 29.1940, -30.5047 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 87.7830, 29.1940, -30.5047

Background



This preview shows how black text looks on a background with the YUV color 87.7830, 29.1940, -30.5047.



This preview shows how white text looks on a background with the YUV color 87.7830, 29.1940,

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

87.7830, 29.1940, -30.5047

Protanopia

91.6600, 25.8036, -16.3648

Deuteranopia

89.5880, 28.3041, -25.0717



Tritanopia

82.2810, 13.6655, -43.2194

Trichromacy



Original Color

87.7830, 29.1940, -30.5047

Protanomaly

90.2680, 26.9829, -21.2830

Deuteranomaly

88.6910, 28.7463, -26.9160

Tritanomaly

84.0950, 19.1802, -38.6713

Monochromacy



Original Color

87.7830, 29.1940, -30.5047

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.6810, 10.5103, -11.1212

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7830, 29.1940, -30.5047 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(53, 94, 147)` looks like.

```
.text, #text, p{  
    color:rgb(53, 94, 147)  
}
```

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(53, 94, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 94, 147) }
```

Border

The CSS property to change the border of an element to YUV 87.7830, 29.1940, -30.5047 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(53, 94, 147) }
```


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

```
.border{ border-color:rgb(53, 94, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 94, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 94, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 94, 147);  
box-shadow:4px 4px 4px 4px rgb(53, 94,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 87.7830, 29.1940, -30.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 94, 147) }
```

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

```
.background{ background-color: rgb(53, 94,  
147) }
```

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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