

Converting Colors

YUV(86.1470, 30.4935,
-27.3159)

Have a look what the booklet for
YUV(86.1470, 30.4935, -27.3159)
contains.

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Color

**YUV(86.1470, 30.4935,
-27.3159)**

Conversions

Conversions Part 1

Format	Color
Hex	375A94
RGB	55, 90, 148
RGB Percent	22%, 35%, 58%
CMY	0.7843, 0.6471, 0.4196
CMYK	0.63, 0.39, 0.00, 0.42
HSL	217°, 46%, 40%
HSV	217°, 63%, 58%
XYZ	10.5770, 10.2627, 29.4404
YIQ	86.1470, -39.4780, 10.6180

Conversions

Conversions Part 2

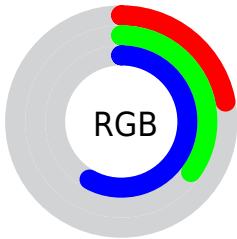
Format	Color
R_{YB}	55, 80, 148
Decimal	3627668
CIE _{Lab}	38.31, 6.40, -35.69
CIE _{LCh}	38, 36.260, 280.173
Yxy	10.2627, 0.2104, 0.2041
Android (android.graphics.Color)	4281817748 (0xFF375A94)
YUV	86.1470, 30.4935, -27.3159
Hunter-Lab	32.0354, 2.8727, -32.0625

Details

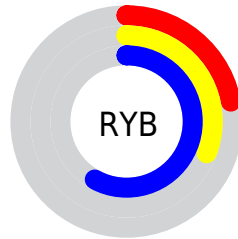
The YUV color **86.1470, 30.4935, -27.3159** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **116.8530, -30.4935, 27.3159**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0980, 31.5037, -24.6419**, and **37.4730, 29.3468, -32.8638** is the 20% darker color. If you saturate the color by 10%, you get **76.3790, 35.3092, -31.9044**, and if you desaturate by 10%, it is **95.9150, 25.6779, -22.7275**.

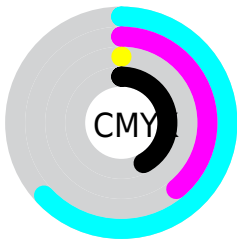
Distribution



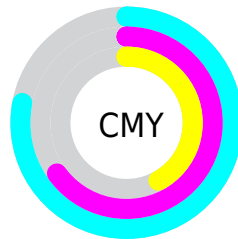
- Red (22%)
- Green (35%)
- Blue (58%)



- Red (22%)
- Yellow (31%)
- Blue (58%)



- Cyan (63%)
- Magenta (39%)
- Yellow (0%)
- Black (42%)



- Cyan (78%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.1470, 30.4935, -27.3159 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 86.1470, 30.4935, -27.3159 by changing the saturation by 10% instead.

■ 86.1470, 30.4935,
-27.3159

■ 86.1470, 30.4935,
-27.3159

■ 255.0000, 0.0000,
0.0000

■ 59.8150, 30.6572,
-33.1638

■ 138.0980, 31.5037,
-24.6419

■ 37.4730, 29.3468,
-32.8638

■ 165.0380, 32.5193,
-23.7123

■ 22.9970, 24.6515,
-20.1684

■ 191.9950, 31.0615,
-22.7976

■ 8.0480, 20.6823,
-7.0581

■ 216.8030, 18.8311,
-19.9982

■ 3.7790, 11.9410,
-3.3142

■ 241.9100, 6.4534,
-16.5841

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 86.1470, 30.4935,
-27.3159

■ 86.1470, 30.4935,
-27.3159

■ 76.3790, 35.3092,
-31.9044

■ 95.9150, 25.6779,
-22.7275

■ 66.6110, 40.1248,
-36.4928

■ 105.6830, 20.8623,
-18.1390

■ 56.5550, 45.0824,
-39.9517

■ 115.7390, 15.9047,
-14.6801

■ 49.7440, 48.4402,
-43.6255

■ 125.5070, 11.0890,
-10.0916

■ 135.2750, 6.2734,
-5.5032

■ 145.0430, 1.4578,
-0.9147

■ 155.3980, -3.6472,
3.1590

■ 164.8670, -8.3154,
7.1326

■ 174.6350,
-13.1311, 11.7211

Harmonies

Analogous

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



74.6430, 34.6860, -65.4619



86.1470, 30.4935, -27.3159



92.5710, 20.9175, 10.9002

Triad

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



86.1470, 30.4935, -27.3159



89.6930, -17.5966, 44.1192



71.0180, -0.9949, -54.3898

Complementary

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



86.1470, 30.4935, -27.3159



116.8530, -30.4935, 27.3159

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.



82.4500, -19.4489, -15.3037



86.1470, 30.4935, -27.3159



88.7870, -27.0100, 30.0048

Square

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



86.1470, 30.4935, -27.3159



90.1570, -4.5144, 48.0973



86.3130, -28.2553, 9.3725



73.0350, 13.2937, -64.0517

Rectangle

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



86.1470, 30.4935, -27.3159



93.0310, 13.2957, 28.9138



86.3130, -28.2553, 9.3725



77.4780, -8.6167, -36.3762

Sweetspot

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



86.1470, 30.4935, -27.3159



167.3220, 11.6733, -10.8064



116.0890, -2.0159, -53.5751



82.2040, 7.2944, -6.3179



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.



86.1470, 30.4935, -27.3159



96.0000, 46.8350, -42.0960



68.8910, 39.0007, -2.5354



68.9720, 2.4788, -1.7294



46.2560, 45.2298, -40.5665



3.4880, 3.2104, -3.0590

Inverse Universe

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



86.7970, 1.5791, 53.6750



96.9130, 2.5079, 82.5143



134.1090, -39.0007, 2.5354



69.3210, -0.1583, 4.1035



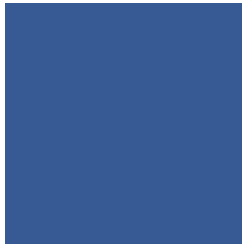
47.1900, 2.3713, 79.6404



3.4460, 0.2731, 5.7479

Previews

White Background



This preview shows how the YUV color 86.1470, 30.4935, -27.3159 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 86.1470, 30.4935, -27.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

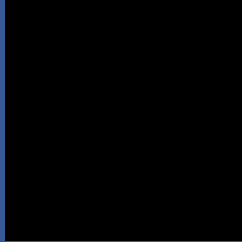
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.1470, 30.4935, -27.3159

Background



This preview shows how black text looks on a background with the YUV color 86.1470, 30.4935, -27.3159.



This preview shows how white text looks on a background with the YUV color 86.1470, 30.4935,

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

86.1470, 30.4935, -27.3159

Protanopia

88.3330, 28.4298, -18.7090

Deuteranopia

85.5490, 30.7883, -28.5455



Tritanopia

80.4770, 13.0758, -40.7603

Trichromacy



Original Color

86.1470, 30.4935, -27.3159

Protanomaly

87.8380, 29.1669, -21.7829

Deuteranomaly

85.8480, 30.6409, -27.9307

Tritanomaly

82.8180, 19.3167, -35.7974

Monochromacy



Original Color

86.1470, 30.4935, -27.3159

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9200, 11.3784, -9.5768

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.1470, 30.4935, -27.3159 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(55, 90, 148)` looks like.

```
.text, #text, p{  
    color:rgb(55, 90, 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(55, 90, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 90, 148) }
```

Border

The CSS property to change the border of an element to YUV 86.1470, 30.4935, -27.3159 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(55, 90, 148) }
```


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

```
.border{ border-color:rgb(55, 90, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 90, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 90, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 90, 148);  
box-shadow:4px 4px 4px 4px rgb(55, 90,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 86.1470, 30.4935, -27.3159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 90, 148) }
```

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

```
.background{ background-color: rgb(55, 90,  
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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