

Converting Colors

YUV(34.9130, 12.3679, 46.5573)

Have a look what the booklet for
YUV(34.9130, 12.3679, 46.5573)
contains.

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Color

**YUV(34.9130, 12.3679,
46.5573)**

Conversions

Conversions Part 1

Format	Color
Hex	58033C
RGB	88, 3, 60
RGB Percent	35%, 1%, 24%
CMY	0.6549, 0.9882, 0.7647
CMYK	0.00, 0.97, 0.32, 0.65
HSL	320°, 93%, 18%
HSV	320°, 97%, 35%
XYZ	4.8727, 2.4661, 4.4941
YIQ	34.9130, 32.3630, 35.7470

Conversions

Conversions Part 2

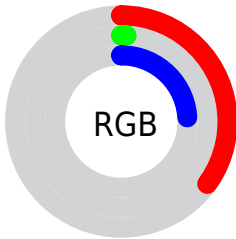
Format	Color
R_{YB}	88, 3, 60
Decimal	5767996
CIE _{Lab}	17.76, 40.21, -10.90
CIE _{LCh}	18, 41.659, 344.827
Yxy	2.4661, 0.4118, 0.2084
Android (android.graphics.Color)	4283958076 (0xFF58033C)
YUV	34.9130, 12.3679, 46.5573
Hunter-Lab	15.7037, 27.9048, -5.9752

Details

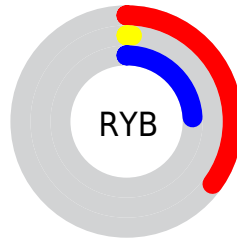
The YUV color **34.9130, 12.3679, 46.5573** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **56.0870, -12.3679, -46.5573**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.5770, 8.5895, 45.0980**, and **14.1970, 1.3819, 23.5062** is the 20% darker color. If you saturate the color by 10%, you get **33.0380, 12.7993, 48.2017**, and if you desaturate by 10%, it is **40.5380, 11.0738, 41.6242**.

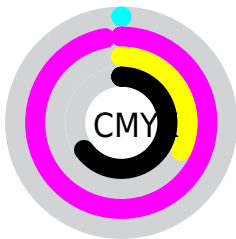
Distribution



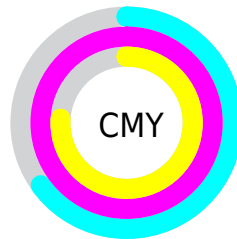
- Red (35%)
- Green (1%)
- Blue (24%)



- Red (35%)
- Yellow (1%)
- Blue (24%)



- Cyan (0%)
- Magenta (97%)
- Yellow (32%)
- Black (65%)



- Cyan (65%)
- Magenta (99%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 34.9130, 12.3679, 46.5573 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 34.9130, 12.3679, 46.5573 by changing the saturation by 10% instead.

34.9130, 12.3679,
46.5573

34.9130, 12.3679,
46.5573

251.4780, 1.7363,
3.0888

22.8700, 7.4591,
34.3170

89.5770, 8.5895,
45.0980

14.1970, 1.3819,
23.5062

115.5880, 8.5841,
46.8423

0.0000, 0.0000,
0.0000


142.1860, 8.2893,
48.0719


169.1970, 8.2839,
49.8162


196.7950, 7.9891,
51.0458


216.5370, 12.5533,

33.7321


 234.4550, 10.1287,
18.0180

 34.9130, 12.3679,
46.5573

 34.9130, 12.3679,
46.5573

 33.0380, 12.7993,
48.2017

 40.5380, 11.0738,
41.6242

 46.1630, 9.7796,
36.6910

 51.2010, 8.7749,
32.2727

 56.8260, 7.4808,
27.3396

 62.3370, 5.7499,
22.5065

■ 67.9620, 4.4557,
17.5733

■ 73.5870, 3.1616,
12.6402

■ 78.6250, 2.1569,
8.2219

■ 84.2500, 0.8628,
3.2887

Harmonies

Analogous

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



44.3050, 21.0486, 15.5185



34.9130, 12.3679, 46.5573



31.5260, -0.7523, 54.7897

Triad

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



34.9130, 12.3679, 46.5573



39.8480, -19.6451, 1.0103



42.0890, 21.6481, -36.9121

Complementary

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



34.9130, 12.3679, 46.5573



56.0870, -12.3679, -46.5573

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.



39.4840, 9.1284, -34.6275



34.9130, 12.3679, 46.5573



30.8230, -15.1957, -26.1548

Square

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



34.9130, 12.3679, 46.5573



41.1650, -20.2943, 22.6573



35.3630, -4.1230, -31.0134



41.5650, 29.7945, -36.4525

Rectangle

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



34.9130, 12.3679, 46.5573



34.8660, -13.2449, 48.3525



35.3630, -4.1230, -31.0134



41.6500, 17.4276, -36.5270

Sweetspot

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



34.9130, 12.3679, 46.5573



93.7880, 5.0345, 18.6029



20.7630, 33.1478, 8.1008



45.8750, 3.0196, 11.5106



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



34.9130, 12.3679, 46.5573



43.1630, 16.6816, 63.0010



30.2390, -5.5408, 50.6564



40.5380, 0.7208, 2.1592



40.2010, 15.6769, 58.5827



88.1630, 33.9366, 128.7760

Inverse Universe

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



34.9130, 12.3679, 46.5573



43.1630, 16.6816, 63.0010



60.7610, 5.5408, -50.6564



40.5380, 0.7208, 2.1592



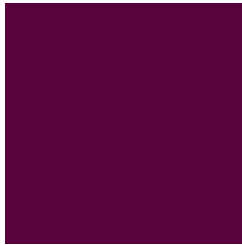
40.2010, 15.6769, 58.5827



88.1630, 33.9366, 128.7760

Previews

White Background



This preview shows how the YUV color 34.9130, 12.3679, 46.5573 looks on a white background.

Color Contrast Check

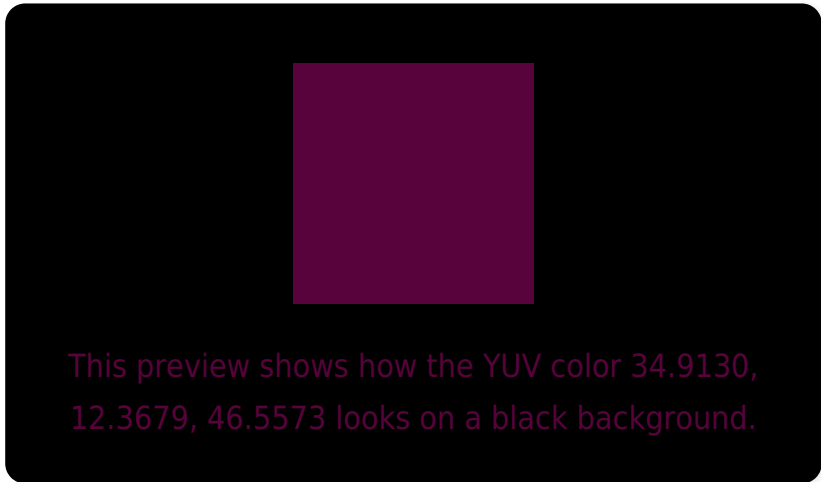
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

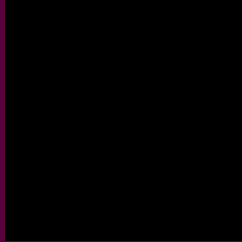
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.9130, 12.3679, 46.5573

Background



This preview shows how black text looks on a background with the YUV color 34.9130, 12.3679, 46.5573.



This preview shows how white text looks on a background with the YUV color 34.9130, 12.3679,

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

34.9130, 12.3679, 46.5573

Protanopia

45.1780, 20.1252, -15.0651

Deuteranopia

47.4390, 4.2206, -0.3850



Tritanopia

42.6520, -8.7024, 38.0162

Trichromacy



Original Color

34.9130, 12.3679, 46.5573

Protanomaly

41.3380, 17.5814, 7.5966

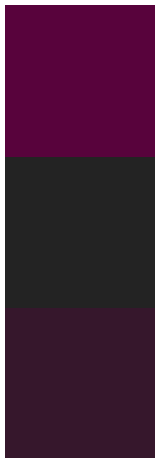
Deuteranomaly

42.6460, 7.0765, 16.9735

Tritanomaly

39.7370, -0.8563, 41.4497

Monochromacy



Original Color

34.9130, 12.3679, 46.5573

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.6630, 4.6031, 16.9585

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.9130, 12.3679, 46.5573 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(88, 3, 60)` looks like.

```
.text, #text, p{  
    color:rgb(88, 3, 60)  
}
```

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(88, 3, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 3, 60) }
```

Border

The CSS property to change the border of an element to YUV 34.9130, 12.3679, 46.5573 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(88, 3, 60) }
```


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

```
.border{ border-color:rgb(88, 3, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 3, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 3, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(88, 3, 60); box-shadow:4px  
4px 4px 4px rgb(88, 3, 60) }
```

Background

The CSS property to change the background color of an element to YUV 34.9130, 12.3679, 46.5573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 3, 60) }
```

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

```
.background{ background-color: rgb(88, 3,  
60) }
```

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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