

Converting Colors

YUV(64.3930, 34.3163, 6.6713)

Have a look what the booklet for
YUV(64.3930, 34.3163, 6.6713)
contains.

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Color

**YUV(64.3930, 34.3163,
6.6713)**

Conversions

Conversions Part 1

Format	Color
Hex	482F86
RGB	72, 47, 134
RGB Percent	28%, 18%, 53%
CMY	0.7176, 0.8157, 0.4745
CMYK	0.46, 0.65, 0.00, 0.47
HSL	257°, 48%, 35%
HSV	257°, 65%, 53%
XYZ	7.9921, 5.1320, 23.1236
YIQ	64.3930, -13.0270, 32.3570

Conversions

Conversions Part 2

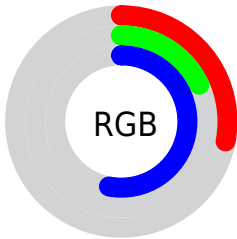
Format	Color
R_{YB}	72, 47, 134
Decimal	4730758
CIE _{Lab}	27.11, 33.24, -45.00
CIE _{LCh}	27, 55.947, 306.453
Yxy	5.1320, 0.2205, 0.1416
Android (android.graphics.Color)	4282920838 (0xFF482F86)
YUV	64.3930, 34.3163, 6.6713
Hunter-Lab	22.6539, 23.3289, -44.6617

Details

The YUV color **64.3930, 34.3163, 6.6713** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **116.6070, -34.3163, -6.6713**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.9850, 36.4894, 9.6602**, and **15.4090, 33.3224, -1.2357** is the 20% darker color. If you saturate the color by 10%, you get **53.7720, 39.5524, 7.2160**, and if you desaturate by 10%, it is **75.0140, 29.0801, 6.1267**.

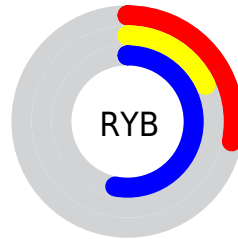
Distribution



Red (28%)

Green (18%)

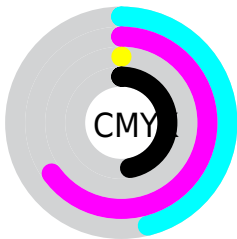
Blue (53%)



Red (28%)

Yellow (18%)

Blue (53%)

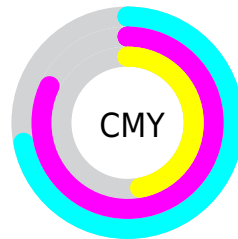


Cyan (46%)

Magenta (65%)

Yellow (0%)

Black (47%)



Cyan (72%)

Magenta (82%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.3930, 34.3163, 6.6713 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 64.3930, 34.3163, 6.6713 by changing the saturation by 10% instead.

64.3930, 34.3163,
6.6713

64.3930, 34.3163,
6.6713

255.0000, 0.0000,
0.0000

40.4420, 33.3061,
3.9974

113.9850, 36.4894,
9.6602

15.4090, 33.3224,
-1.2357

140.8110, 37.0682,
10.6898

6.8400, 26.2079,
-5.9987

167.7510, 38.0838,
11.6194

5.3920, 15.5827,
-4.7288

192.5250, 30.8002,
14.4486

2.0690, 5.3890,
-1.8145

217.6320, 18.4224,
17.8627

0.0000, 0.0000,
0.0000

239.1510, 7.8136,

13.8996

■ 64.3930, 34.3163,
6.6713

■ 64.3930, 34.3163,
6.6713

■ 53.7720, 39.5524,
7.2160

■ 75.0140, 29.0801,
6.1267

■ 42.8630, 44.9305,
8.8901

■ 85.9230, 23.7020,
4.4525

■ 32.2420, 50.1667,
9.4348

■ 96.5440, 18.4658,
3.9079

■ 26.9370, 52.7821,
10.5793

■ 107.4530, 13.0877,
2.2337

■ 118.0740, 7.8515,
1.6891

■ 128.3960, 2.7628,
0.5297

■ 139.6040, -2.7628,
-0.5297

■ 149.9260, -7.8515,
-1.6891

■ 161.1340,
-13.3771, -2.7485

Harmonies

Analogous

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



56.5430, 46.5673, -49.5882



64.3930, 34.3163, 6.6713



53.0360, 22.6603, 58.7274

Triad

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



64.3930, 34.3163, 6.6713



59.8700, -29.5159, 40.4560



55.8690, 8.4456, -48.9971

Complementary

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



64.3930, 34.3163, 6.6713



116.6070, -34.3163, -6.6713

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.



49.4510, -11.0683, -43.3685



64.3930, 34.3163, 6.6713



59.3840, -29.2763, 10.1872

Square

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



64.3930, 34.3163, 6.6713



50.8470, -17.6726, 68.5402



50.6030, -24.9473, -25.0848



60.5430, 26.3543, -53.0962

Rectangle

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



64.3930, 34.3163, 6.6713



48.1600, 11.2601, 75.2817



50.6030, -24.9473, -25.0848



54.1590, 1.8936, -47.4974

Sweetspot

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



64.3930, 34.3163, 6.6713



146.7520, 12.9403, 2.8485



93.3120, 20.0592, -40.6156



70.7750, 7.9989, 1.0743



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



64.3930, 34.3163, 6.6713



65.0510, 53.2189, 10.4793



77.2500, 27.9778, 33.1067



61.2820, 2.3260, 0.6297



25.8830, 51.3297, 9.7496



0.6410, 1.1630, 0.3148

Inverse Universe

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



80.0810, 14.2571, 47.2870



89.4230, 22.4695, 73.2970



103.7500, -27.9778, -33.1067



62.2500, 0.8628, 3.2888



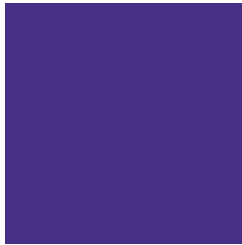
49.4720, 21.4593, 70.6231



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 64.3930, 34.3163, 6.6713 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



This preview shows how the YUV color 64.3930, 34.3163, 6.6713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

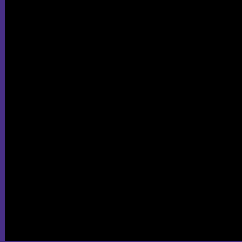
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 64.3930, 34.3163, 6.6713

Background



This preview shows how black text looks on a background with the YUV color 64.3930, 34.3163, 6.6713.



This preview shows how white text looks on a background with the YUV color 64.3930, 34.3163,

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

64.3930, 34.3163, 6.6713

Protanopia

51.3280, 39.2783, -45.0147

Deuteranopia

51.7380, 30.6952, -45.3742



Tritanopia

63.2810, 3.8055, -7.2624

Trichromacy



Original Color

64.3930, 34.3163, 6.6713

Protanomaly

56.2810, 37.3295, -26.5564

Deuteranomaly

56.2010, 31.9459, -26.4863

Tritanomaly

63.5880, 14.9931, -2.2697

Monochromacy



Original Color

64.3930, 34.3163, 6.6713

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.2250, 12.2141, 2.4337

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.3930, 34.3163, 6.6713 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(72, 47, 134)` looks like.

```
.text, #text, p{  
    color:rgb(72, 47, 134)  
}
```

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(72, 47, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 47, 134) }
```

Border

The CSS property to change the border of an element to YUV 64.3930, 34.3163, 6.6713 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(72, 47, 134) }
```


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

```
.border{ border-color:rgb(72, 47, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 47, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 47, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 47, 134);  
box-shadow:4px 4px 4px 4px rgb(72, 47,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 64.3930, 34.3163, 6.6713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 47, 134) }
```

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

```
.background{ background-color: rgb(72, 47,  
134) }
```

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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