

Converting Colors

YUV(64.8080, 34.6047,
-39.2966)

Have a look what the booklet for
YUV(64.8080, 34.6047, -39.2966)
contains.

YUV(64.8080, 34.6047, -39.2966)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(64.8080, 34.6047,
-39.2966)**

Conversions

Conversions Part 1

Format	Color
Hex	144A87
RGB	20, 74, 135
RGB Percent	8%, 29%, 53%
CMY	0.9216, 0.7098, 0.4706
CMYK	0.85, 0.45, 0.00, 0.47
HSL	212°, 74%, 30%
HSV	212°, 85%, 53%
XYZ	7.1104, 6.7956, 23.8586
YIQ	64.8080, -51.7650, 7.5230

Conversions

Conversions Part 2

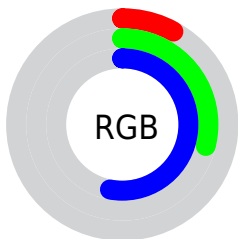
Format	Color
R_{YB}	20, 57, 135
Decimal	1329799
CIE _{Lab}	31.34, 6.64, -38.96
CIE _{LCh}	31, 39.522, 279.674
Yxy	6.7956, 0.1883, 0.1799
Android (android.graphics.Color)	4279519879 (0xFF144A87)
YUV	64.8080, 34.6047, -39.2966
Hunter-Lab	26.0683, 3.0686, -36.0164

Details

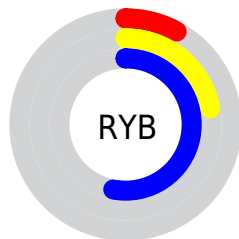
The YUV color **64.8080, 34.6047, -39.2966** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **90.1920, -34.6047, 39.2966**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.5750, 34.7195, -29.4453**, and **27.8870, 28.1567, -24.4569** is the 20% darker color. If you saturate the color by 10%, you get **56.5130, 38.6941, -44.2999**, and if you desaturate by 10%, it is **72.8040, 30.6626, -34.9081**.

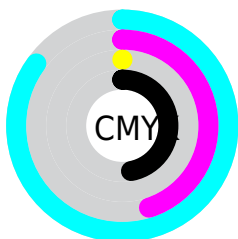
Distribution



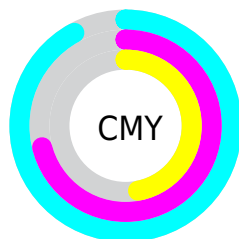
- Red (8%)
- Green (29%)
- Blue (53%)



- Red (8%)
- Yellow (22%)
- Blue (53%)



- Cyan (85%)
- Magenta (45%)
- Yellow (0%)
- Black (47%)



- Cyan (92%)
- Magenta (71%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 64.8080, 34.6047, -39.2966 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 64.8080, 34.6047, -39.2966 by changing the saturation by 10% instead.

■ 64.8080, 34.6047,
-39.2966

■ 64.8080, 34.6047,
-39.2966

■ 255.0000, 0.0000,
0.0000

■ 42.9500, 32.5627,
-37.6671

■ 118.5750, 34.7195,
-29.4453

■ 27.8870, 28.1567,
-24.4569

■ 145.4010, 35.2983,
-28.4157

■ 10.4760, 24.9083,
-9.1875

■ 172.2270, 35.8771,
-27.3861

■ 6.0930, 15.7302,
-5.3436

■ 198.1750, 28.0147,
-25.5865

■ 2.4110, 6.6994,
-2.1144

■ 223.2820, 15.6370,
-22.1723

■ 0.0000, 0.0000,
0.0000

■ 246.6280, 4.1274,

-17.2138

■ 64.8080, 34.6047,
-39.2966

■ 64.8080, 34.6047,
-39.2966

■ 56.5130, 38.6941,
-44.2999

■ 72.8040, 30.6626,
-34.9081

■ 52.3710, 40.7361,
-45.9294

■ 81.0990, 26.5732,
-29.9048

■ 89.0950, 22.6312,
-25.5163

■ 97.9770, 18.2523,
-21.0278

■ 106.2720, 14.1629,
-16.0245

■ 114.2680, 10.2209,
-11.6360

■ 122.2640, 6.2788,
-7.2475

■ 130.5590, 2.1894,
-2.2442

■ 138.5550, -1.7526,
2.1443

Harmonies

Analogous

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



63.7690, 33.6379, -55.9254



64.8080, 34.6047, -39.2966



76.0270, 22.6647, 10.5003

Triad

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



64.8080, 34.6047, -39.2966



71.1170, -17.3127, 46.3784



56.8830, -2.9003, -49.8864

Complementary

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



64.8080, 34.6047, -39.2966



90.1920, -34.6047, 39.2966

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.



64.9830, -21.1906, -16.6481



64.8080, 34.6047, -39.2966



70.5160, -29.3414, 31.1195

Square

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



64.8080, 34.6047, -39.2966



71.2220, -3.0674, 50.6713



68.1730, -32.6233, 10.3723



61.1180, 10.7878, -53.6005

Rectangle

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



64.8080, 34.6047, -39.2966



75.3840, 14.6007, 30.3582



68.1730, -32.6233, 10.3723



55.7540, -7.2737, -47.1423

Sweetspot

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



64.8080, 34.6047, -39.2966



148.1580, 13.7261, -15.9246



94.2310, -7.5089, -65.1006



72.7090, 8.0315, -9.3918



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



64.8080, 34.6047, -39.2966



68.7850, 52.8570, -60.3244



33.7080, 49.9370, -10.2679



62.4450, 1.7526, -2.1443



50.6270, 39.1309, -44.3999



0.9290, 1.0210, -0.8147

Inverse Universe

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



60.5410, 6.6353, 65.3005



62.0860, 10.3106, 99.9026



121.2920, -49.9370, 10.2679



62.1360, 0.4260, 3.3887



45.8240, 7.4818, 73.8224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 64.8080, 34.6047, -39.2966 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 64.8080, 34.6047, -39.2966 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 64.8080, 34.6047, -39.2966

Background



This preview shows how black text looks on a background with the YUV color 64.8080, 34.6047, -39.2966.



This preview shows how white text looks on a background with the YUV color 64.8080, 34.6047,

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

64.8080, 34.6047, -39.2966

Protanopia

70.5820, 30.7721, -23.3124

Deuteranopia

59.1870, 36.3898, -51.9070



Tritanopia

58.1660, 14.7082, -51.0116

Trichromacy



Original Color

64.8080, 34.6047, -39.2966

Protanomaly

68.5920, 32.2461, -29.4602

Deuteranomaly

61.3940, 35.7948, -47.7035

Tritanomaly

60.4360, 21.9701, -46.8634

Monochromacy



Original Color

64.8080, 34.6047, -39.2966

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.8270, 12.4103, -13.8803

CSS Examples

Text

The CSS property to change the color of the text to YUV 64.8080, 34.6047, -39.2966 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(20, 74, 135)` looks like.

```
.text, #text, p{  
    color:rgb(20, 74, 135)  
}
```

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(20, 74, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 74, 135) }
```

Border

The CSS property to change the border of an element to YUV 64.8080, 34.6047, -39.2966 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(20, 74, 135) }
```


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

```
.border{ border-color:rgb(20, 74, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 74, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 74, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 74, 135);  
box-shadow:4px 4px 4px 4px rgb(20, 74,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 64.8080, 34.6047, -39.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 74, 135) }
```

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

```
.background{ background-color: rgb(20, 74,  
135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor