

Converting Colors

YUV(144.0040, 34.0150,
-36.8375)

Have a look what the booklet for
YUV(144.0040, 34.0150, -36.8375)
contains.

YUV(144.0040, 34.0150, -36.8375)	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(144.0040, 34.0150,
-36.8375)**

Conversions

Conversions Part 1

Format	Color
Hex	6698D5
RGB	102, 152, 213
RGB Percent	40%, 60%, 84%
CMY	0.6000, 0.4039, 0.1647
CMYK	0.52, 0.29, 0.00, 0.16
HSL	213°, 57%, 62%
HSV	213°, 52%, 84%
XYZ	28.7180, 30.0853, 67.2442
YIQ	144.0040, -49.3810, 8.3710

Conversions

Conversions Part 2

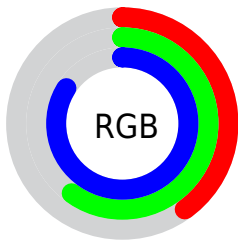
Format	Color
RYB	102, 136, 213
Decimal	6723797
CIELab	61.73, 0.48, -36.31
CIELCh	62, 36.308, 270.755
Yxy	30.0853, 0.2278, 0.2387
Android (android.graphics.Color)	4284913877 (0xFF6698D5)
YUV	144.0040, 34.0150, -36.8375
Hunter-Lab	54.8501, -2.5302, -34.2923

Details

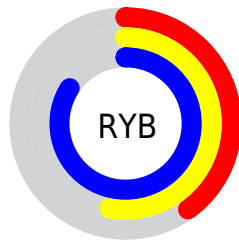
The YUV color **144.0040, 34.0150, -36.8375** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **170.9960, -34.0150, 36.8375**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5330, 28.3312, -33.7934**, and **89.5580, 33.7419, -42.5854** is the 20% darker color. If you saturate the color by 10%, you get **130.6810, 40.5833, -43.5702**, and if you desaturate by 10%, it is **157.3270, 27.4468, -30.1048**.

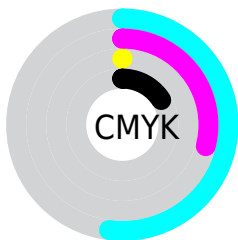
Distribution



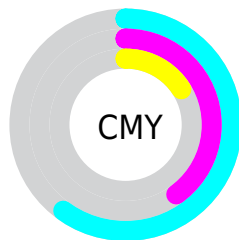
- Red (40%)
- Green (60%)
- Blue (84%)



- Red (40%)
- Yellow (53%)
- Blue (84%)



- Cyan (52%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (60%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.0040, 34.0150, -36.8375 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 144.0040, 34.0150, -36.8375 by changing the saturation by 10% instead.

■ 144.0040, 34.0150,
-36.8375

■ 144.0040, 34.0150,
-36.8375

255.0000, 0.0000,
0.0000

■ 116.8790, 33.5837,
-38.4819

■ 197.5330, 28.3312,
-33.7934

■ 89.5580, 33.7419,
-42.5854

■ 222.6400, 15.9535,
-30.3793

■ 60.8340, 35.0848,
-53.3514

■ 243.6380, 5.6015,
-23.3615

■ 44.3690, 30.3841,
-38.9116

■ 252.3090, 1.3267,
-5.5330

■ 29.3060, 25.9781,
-25.7014

■ 13.0690, 22.1510,
-11.4615

■ 5.2780, 15.1459,

-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 144.0040, 34.0150,
-36.8375

■ 144.0040, 34.0150,
-36.8375

■ 130.6810, 40.5833,
-43.5702

■ 157.3270, 27.4468,
-30.1048

■ 117.6460, 47.0095,
-51.4325

■ 170.3620, 21.0205,
-22.2425

■ 104.3230, 53.5778,
-58.1653

■ 183.6850, 14.4523,
-15.5097

■ 91.0000, 60.1460,
-64.8980

■ 197.0080, 7.8841,
-8.7770

■ 80.6340, 65.2564,
-70.7160

■ 210.6300, 1.1684,
-1.4295

■ 223.3660, -5.1104,
5.8180

■ 236.6890,
-11.6787, 12.5507

■ 244.9290,
-15.7410, 8.8323

■ 250.2120,
-18.3455, 4.1991

Harmonies

Analogous

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



127.9290, 37.5030, -82.3757



144.0040, 34.0150, -36.8375



151.4820, 25.8914, 2.2083

Triad

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



144.0040, 34.0150, -36.8375



150.7910, -16.1660, 51.9263



138.0220, -10.3638, -35.9763

Complementary

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



144.0040, 34.0150, -36.8375



170.9960, -34.0150, 36.8375

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.



143.4250, -24.8595, -6.5117



144.0040, 34.0150, -36.8375



148.8530, -27.0425, 40.4709

Square

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



144.0040, 34.0150, -36.8375



152.3790, -1.1728, 49.6566



146.3960, -30.7612, 19.8237



128.7800, 9.9685, -70.8441

Rectangle

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



144.0040, 34.0150, -36.8375



153.5510, 17.9694, 23.1958



146.3960, -30.7612, 19.8237



140.1820, -16.3587, -26.4696

Sweetspot

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



144.0040, 34.0150, -36.8375



229.8270, 12.4103, -13.8803



173.8830, -6.3513, -63.0414



112.3070, 7.7366, -8.1622



0.0000, 0.0000, 0.0000



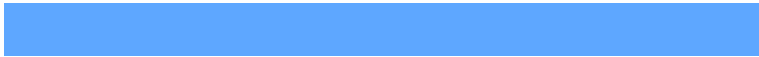
128.0000, 0.0000, 0.0000

Same Dimension

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



144.0040, 34.0150, -36.8375



155.2050, 49.1989, -53.6768



115.8500, 47.8950, -8.6384



100.1890, 3.3578, -3.6738



64.6930, 52.4094, -56.7358



16.6420, 12.9945, -14.5950

Inverse Universe

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



140.8890, 5.4777, 63.2413



150.4610, 8.1537, 91.6807



199.1500, -47.8949, 8.6385



99.8590, 0.5625, 6.2627



59.9070, 8.4268, 97.4286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 144.0040, 34.0150, -36.8375 looks on a white background.

Color Contrast Check

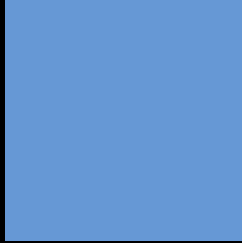
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 144.0040, 34.0150, -36.8375 looks on a black 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

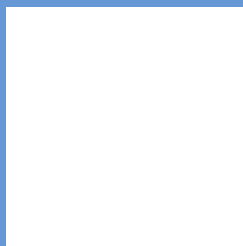
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 144.0040, 34.0150, -36.8375

Background



This preview shows how black text looks on a background with the YUV color 144.0040, 34.0150, -36.8375.

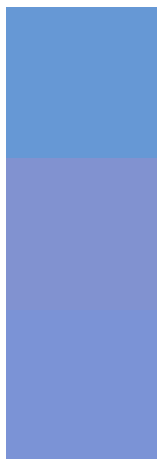


This preview shows how white text looks on a background with the YUV color 144.0040, 34.0150, -36.8375.

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

144.0040, 34.0150, -36.8375

Protanopia

147.9850, 29.5874, -16.6498

Deuteranopia

147.4620, 32.8032, -21.4532



Tritanopia

139.9540, 16.2917, -45.5637

Trichromacy



Original Color

144.0040, 34.0150, -36.8375

Protanomaly

146.3970, 31.3563, -24.0272

Deuteranomaly

146.2440, 33.4037, -27.4010

Tritanomaly

141.3980, 22.9748, -42.4450

Monochromacy



Original Color

144.0040, 34.0150, -36.8375

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.1260, 12.2629, -13.2655

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.0040, 34.0150, -36.8375 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(102, 152, 213)` looks like.

```
.text, #text, p{  
    color:rgb(102, 152, 213)  
}
```

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(102, 152, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 152, 213) }
```

Border

The CSS property to change the border of an element to YUV 144.0040, 34.0150, -36.8375 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(102, 152, 213) }
```


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

```
.border{ border-color:rgb(102, 152, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 152, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 152, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 152, 213);  
box-shadow:4px 4px 4px 4px rgb(102, 152,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 144.0040, 34.0150, -36.8375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 152, 213) }
```

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

```
.background{ background-color: rgb(102,  
152, 213) }
```

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