

Converting Colors

YUV(147.5340, 40.1627,
-48.7033)

Have a look what the booklet for
YUV(147.5340, 40.1627, -48.7033)
contains.

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Color

**YUV(147.5340, 40.1627,
-48.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	5CA0E5
RGB	92, 160, 229
RGB Percent	36%, 63%, 90%
CMY	0.6392, 0.3725, 0.1020
CMYK	0.60, 0.30, 0.00, 0.10
HSL	210°, 72%, 63%
HSV	210°, 60%, 90%
XYZ	31.1273, 33.0741, 78.8721
YIQ	147.5340, -62.6770, 7.0430

Conversions

Conversions Part 2

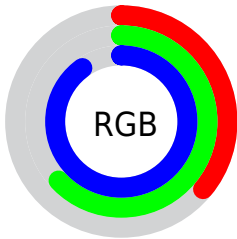
Format	Color
R _Y B	92, 137, 229
Decimal	6070501
CIE Lab	64.22, -1.14, -41.31
CIE LCh	64, 41.322, 268.426
Yxy	33.0741, 0.2176, 0.2312
Android (android.graphics.Color)	4284260581 (0xFF5CA0E5)
YUV	147.5340, 40.1627, -48.7033
Hunter-Lab	57.5101, -4.0295, -41.0562

Details

The YUV color **147.5340, 40.1627, -48.7033** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **173.4660, -40.1627, 48.7033**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.1360, 27.0480, -42.2153**, and **86.3960, 42.6958, -67.8763** is the 20% darker color. If you saturate the color by 10%, you get **133.6130, 47.0258, -56.6656**, and if you desaturate by 10%, it is **161.4550, 33.2997, -40.7410**.

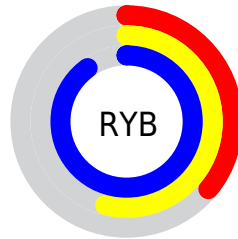
Distribution



Red (36%)

Green (63%)

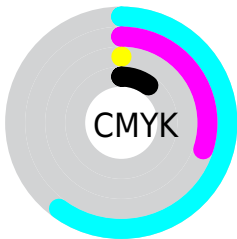
Blue (90%)



Red (36%)

Yellow (54%)

Blue (90%)

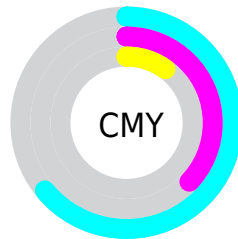


Cyan (60%)

Magenta (30%)

Yellow (0%)

Black (10%)



Cyan (64%)

Magenta (37%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.5340, 40.1627, -48.7033 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 147.5340, 40.1627, -48.7033 by changing the saturation by 10% instead.

■ 147.5340, 40.1627,
-48.7033

■ 147.5340, 40.1627,
-48.7033

255.0000, 0.0000,
0.0000

■ 119.2130, 40.3210,
-52.8068

■ 200.1360, 27.0480,
-42.2153

■ 86.3960, 42.6958,
-67.8763

■ 225.8300, 14.3808,
-39.3159

■ 66.5390, 39.1743,
-58.3547

■ 241.8440, 6.4859,
-27.0502

■ 50.0740, 34.4735,
-43.9149

■ 250.8140, 2.0637,
-8.6069

■ 34.8970, 29.6308,
-30.6047

■ 19.8340, 25.2248,
-17.3944

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 147.5340, 40.1627,
-48.7033

■ 147.5340, 40.1627,
-48.7033

■ 133.6130, 47.0258,
-56.6656

■ 161.4550, 33.2997,
-40.7410

■ 120.2790, 53.5995,
-65.1427

■ 174.7890, 26.7260,
-32.2640

■ 106.3580, 60.4625,
-73.1050

■ 188.7100, 19.8630,
-24.3017

■ 93.0240, 67.0362,
-81.5820

■ 202.0440, 13.2893,
-15.8246

■ 215.9650, 6.4263,
-7.8623

■ 229.0000, 0.0000,
0.0000

■ 242.9210, -6.8631,
7.9623

■ 250.2750,
-10.4886, 4.1438

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



124.0550, 46.3149, -108.7962



147.5340, 40.1627, -48.7033



158.1270, 30.9964, -1.8654

Triad

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



147.5340, 40.1627, -48.7033



157.0200, -16.7719, 59.6185



142.9030, -13.2632, -39.3799

Complementary

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



147.5340, 40.1627, -48.7033



173.4660, -40.1627, 48.7033

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.



149.1710, -29.6643, -5.4120



147.5340, 40.1627, -48.7033



155.3870, -30.2638, 47.0186

Square

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



147.5340, 40.1627, -48.7033



158.7650, 0.1159, 56.3341



152.8650, -35.4294, 23.7974



128.4250, 11.6225, -88.0727

Rectangle

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



147.5340, 40.1627, -48.7033



160.2890, 22.0425, 23.4255



152.8650, -35.4294, 23.7974



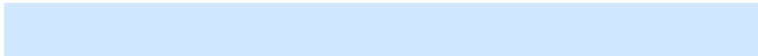
145.2590, -19.8477, -27.4141

Sweetspot

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



147.5340, 40.1627, -48.7033



227.7450, 13.4367, -16.4394



180.2850, -9.5075, -77.4259



110.5240, 8.6157, -10.1065



0.0000, 0.0000, 0.0000



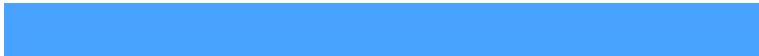
128.0000, 0.0000, 0.0000

Same Dimension

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



147.5340, 40.1627, -48.7033



145.9800, 53.7469, -65.7575



107.6180, 59.8413, -13.6970



107.8900, 3.5052, -4.2885



72.6490, 52.4310, -63.7132



20.4890, 15.0419, -17.9689

Inverse Universe

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



140.7150, 9.5075, 77.4259



136.5040, 13.0625, 103.9210



213.3820, -59.8413, 13.6970



107.2720, 0.8519, 6.7775



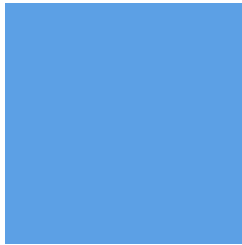
63.6670, 12.4892, 101.1470



18.0990, 3.4022, 28.8542

Previews

White Background



This preview shows how the YUV color 147.5340, 40.1627, -48.7033 looks on a white background.

Color Contrast Check

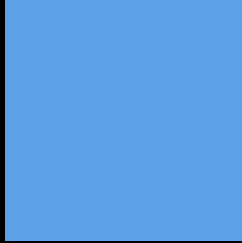
Large Text (above 18pt) WCAG AA × Fail

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 147.5340, 40.1627, -48.7033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

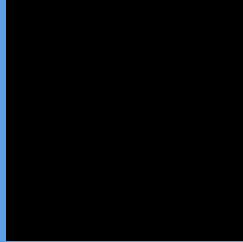
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 147.5340, 40.1627, -48.7033

Background



This preview shows how black text looks on a background with the YUV color 147.5340, 40.1627, -48.7033.

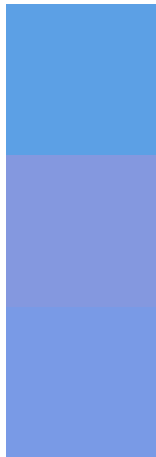


This preview shows how white text looks on a background with the YUV color 147.5340, 40.1627, -48.7033.

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

147.5340, 40.1627, -48.7033

Protanopia

154.1140, 33.9608, -19.3940

Deuteranopia

152.7970, 38.0611, -27.8860



Tritanopia

141.2940, 20.5611, -61.6478

Trichromacy



Original Color

147.5340, 40.1627, -48.7033

Protanomaly

151.6180, 36.1773, -30.3600

Deuteranomaly

150.6820, 39.1038, -35.6781

Tritanomaly

143.8630, 27.6755, -56.8849

Monochromacy



Original Color

147.5340, 40.1627, -48.7033

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.6740, 14.4577, -17.2541

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.5340, 40.1627, -48.7033 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(92, 160, 229)` looks like.

```
.text, #text, p{  
    color:rgb(92, 160, 229)  
}
```

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(92, 160, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 160, 229) }
```

Border

The CSS property to change the border of an element to YUV 147.5340, 40.1627, -48.7033 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(92, 160, 229) }
```


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

```
.border{ border-color:rgb(92, 160, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 160, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 160, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 160, 229);  
box-shadow:4px 4px 4px 4px rgb(92, 160,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 147.5340, 40.1627, -48.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 160, 229) }
```

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

```
.background{ background-color: rgb(92, 160,  
229) }
```

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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