

Converting Colors

YUV(147.6250, 42.0899,
-60.1841)

Have a look what the booklet for
YUV(147.6250, 42.0899, -60.1841)
contains.

YUV(147.6250, 42.0899, -60.1841)	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(147.6250, 42.0899,
-60.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	4FA6E9
RGB	79, 166, 233
RGB Percent	31%, 65%, 91%
CMY	0.6902, 0.3490, 0.0863
CMYK	0.66, 0.29, 0.00, 0.09
HSL	206°, 78%, 61%
HSV	206°, 66%, 91%
XYZ	31.5686, 34.8179, 82.1475
YIQ	147.6250, -73.3590, 2.3930

Conversions

Conversions Part 2

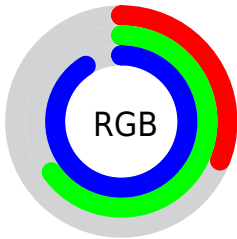
Format	Color
R _Y B	79, 135, 233
Decimal	5220073
CIE Lab	65.61, -5.49, -41.37
CIE LCh	66, 41.732, 262.444
Yxy	34.8179, 0.2125, 0.2344
Android (android.graphics.Color)	4283410153 (0xFF4FA6E9)
YUV	147.6250, 42.0899, -60.1841
Hunter-Lab	59.0067, -7.7640, -41.2372

Details

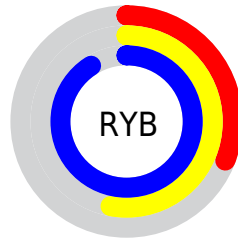
The YUV color **147.6250, 42.0899, -60.1841** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **164.3750, -42.0899, 60.1841**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2550, 26.4963, -51.9666**, and **87.0960, 44.3227, -76.3832** is the 20% darker color. If you saturate the color by 10%, you get **134.8780, 48.3741, -69.1760**, and if you desaturate by 10%, it is **160.3720, 35.8056, -51.1922**.

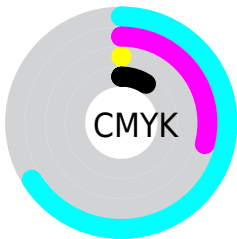
Distribution



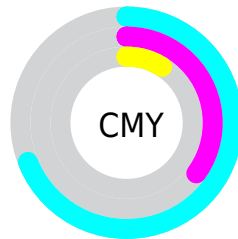
- Red (31%)
- Green (65%)
- Blue (91%)



- Red (31%)
- Yellow (53%)
- Blue (91%)



- Cyan (66%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)



- Cyan (69%)
- Magenta (35%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.6250, 42.0899, -60.1841 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 147.6250, 42.0899, -60.1841 by changing the saturation by 10% instead.

■ 147.6250, 42.0899,
-60.1841

■ 147.6250, 42.0899,
-60.1841

255.0000, 0.0000,
0.0000

■ 117.5100, 43.1326,
-67.9763

■ 201.2550, 26.4963,
-51.9666

■ 87.0960, 44.3227,
-76.3832

■ 226.6610, 13.9711,
-47.9377

■ 69.9300, 39.4745,
-61.3286

■ 239.1530, 7.8126,
-32.5832

■ 53.4650, 34.7738,
-46.8888

■ 248.4220, 3.2430,
-13.5251

■ 37.7010, 30.2204,
-33.0638

■ 23.1110, 25.0883,
-20.2683

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 147.6250, 42.0899,
-60.1841

■ 147.6250, 42.0899,
-60.1841

■ 134.8780, 48.3741,
-69.1760

■ 160.3720, 35.8056,
-51.1922

■ 121.8320, 54.8058,
-78.7827

■ 173.4180, 29.3739,
-41.5856

■ 109.0850, 61.0901,
-87.7745

■ 186.1650, 23.0897,
-32.5937

■ 104.0460, 63.5743,
-91.2483

■ 199.4990, 16.5160,
-24.1166

■ 212.2460, 10.2317,
-15.1247

■ 225.2920, 3.8000,
-5.5181

■ 238.0390, -2.4842,
3.4738

■ 247.7960, -7.2944,
6.3179

■ 252.4920, -9.6096,
2.1995

Harmonies

Analogous

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



127.5770, 44.5785, -111.8850



147.6250, 42.0899, -60.1841



160.3540, 33.3495, -9.9575

Triad

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



147.6250, 42.0899, -60.1841



161.1280, -13.8671, 61.2777



148.0950, -17.7948, -32.5323

Complementary

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



147.6250, 42.0899, -60.1841



164.3750, -42.0899, 60.1841

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.



153.8190, -32.4488, 1.0357



147.6250, 42.0899, -60.1841



159.4630, -28.8223, 51.3369

Square

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



147.6250, 42.0899, -60.1841



162.9650, 3.4683, 54.4047



157.0830, -36.0299, 29.7452



136.9060, 5.4693, -74.4626

Rectangle

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



147.6250, 42.0899, -60.1841



163.7550, 25.2638, 16.8779



157.0830, -36.0299, 29.7452



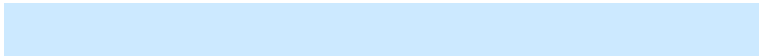
150.3800, -23.3583, -21.3813

Sweetspot

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



147.6250, 42.0899, -60.1841



226.8370, 13.8844, -20.0280



177.0360, -15.3007, -85.9776



110.5130, 8.6211, -11.8509



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.



147.6250, 42.0899, -60.1841



143.2450, 55.0952, -78.2679



102.4260, 64.3730, -20.5446



110.7760, 3.0684, -4.1886



80.5080, 49.5426, -70.6055



23.7660, 14.9054, -20.8428

Inverse Universe

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



134.9640, 15.3007, 85.9776



126.9810, 19.7294, 112.2727



209.5740, -64.3730, 20.5446



109.9730, 0.9993, 6.1627



65.7470, 17.8727, 101.0769



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 147.6250, 42.0899, -60.1841 looks on a white background.

Color Contrast Check

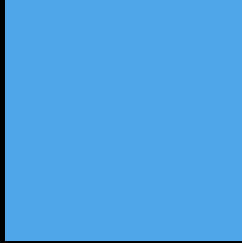
Large Text (above 18pt) WCAG AA × Fail

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 147.6250, 42.0899, -60.1841 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

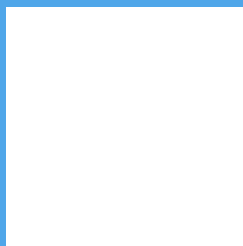
Any Text WCAG AAA ✓ Pass

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

YUV 147.6250, 42.0899, -60.1841 Background



This preview shows how black text looks on a background with the YUV color 147.6250, 42.0899, -60.1841.



This preview shows how white text looks on a background with the YUV color 147.6250, 42.0899, -60.1841.

-60.1841.

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

147.6250, 42.0899, -60.1841

Protanopia

158.1850, 32.9398, -18.5792

Deuteranopia

156.3240, 38.7873, -27.4711



Tritanopia

139.5310, 24.3882, -75.8877

Trichromacy



Original Color

147.6250, 42.0899, -60.1841

Protanomaly

154.5960, 36.1882, -33.8487

Deuteranomaly

152.8880, 39.9882, -39.3668

Tritanomaly

142.2850, 30.9185, -70.4099

Monochromacy



Original Color

147.6250, 42.0899, -60.1841

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1680, 15.2002, -22.0723

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.6250, 42.0899, -60.1841 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(79, 166, 233)` looks like.

```
.text, #text, p{  
    color:rgb(79, 166, 233)  
}
```

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(79, 166, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 166, 233) }
```

Border

The CSS property to change the border of an element to YUV 147.6250, 42.0899, -60.1841 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(79, 166, 233) }
```


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

```
.border{ border-color:rgb(79, 166, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 166, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 166, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 166, 233);  
box-shadow:4px 4px 4px 4px rgb(79, 166,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 147.6250, 42.0899, -60.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 166, 233) }
```

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

```
.background{ background-color: rgb(79, 166,  
233) }
```

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