

Converting Colors

YUV(133.0250, 35.4837,
-41.2409)

Have a look what the booklet for
YUV(133.0250, 35.4837, -41.2409)
contains.

YUV(133.0250, 35.4837, -41.2409)	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(133.0250, 35.4837,
-41.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	568FCD
RGB	86, 143, 205
RGB Percent	34%, 56%, 80%
CMY	0.6627, 0.4392, 0.1961
CMYK	0.58, 0.30, 0.00, 0.20
HSL	211°, 54%, 57%
HSV	211°, 58%, 80%
XYZ	24.6797, 26.0311, 61.4814
YIQ	133.0250, -53.8740, 7.1980

Conversions

Conversions Part 2

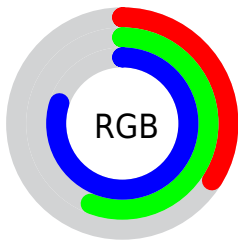
Format	Color
R _Y B	86, 125, 205
Decimal	5672909
CIE Lab	58.07, -0.27, -37.61
CIE LCh	58, 37.607, 269.592
Yxy	26.0311, 0.2200, 0.2320
Android (android.graphics.Color)	4283862989 (0xFF568FCD)
YUV	133.0250, 35.4837, -41.2409
Hunter-Lab	51.0207, -2.9425, -35.7316

Details

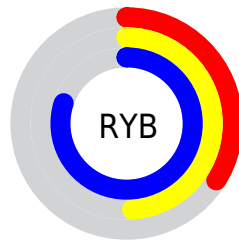
The YUV color **133.0250, 35.4837, -41.2409** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **157.9750, -35.4837, 41.2409**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7650, 33.1469, -38.3819**, and **74.9800, 36.9849, -56.1105** is the 20% darker color. If you saturate the color by 10%, you get **120.5880, 41.6151, -47.8737**, and if you desaturate by 10%, it is **145.7610, 29.2048, -33.9934**.

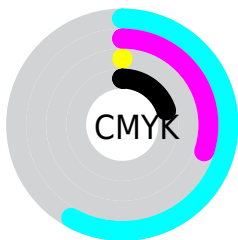
Distribution



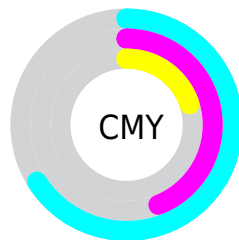
- Red (34%)
- Green (56%)
- Blue (80%)



- Red (34%)
- Yellow (49%)
- Blue (80%)



- Cyan (58%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.0250, 35.4837, -41.2409 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 133.0250, 35.4837, -41.2409 by changing the saturation by 10% instead.

■ 133.0250, 35.4837,
-41.2409

■ 133.0250, 35.4837,
-41.2409

■ 255.0000, 0.0000,
0.0000

■ 105.8890, 35.0577,
-44.6297

■ 187.7650, 33.1469,
-38.3819

■ 74.9800, 36.9849,
-56.1105

■ 212.2850, 21.0585,
-34.4529

■ 55.2260, 33.9056,
-48.4332

■ 237.9790, 8.3914,
-31.5536

■ 39.4620, 29.3522,
-34.6082

■ 247.8240, 3.5378,
-14.7546

■ 24.9860, 24.6569,
-21.9127

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 133.0250, 35.4837,
-41.2409

■ 133.0250, 35.4837,
-41.2409

■ 120.5880, 41.6151,
-47.8737

■ 145.7610, 29.2048,
-33.9934

■ 108.4390, 47.6046,
-55.6360

■ 157.6110, 23.3628,
-26.8458

■ 96.0020, 53.7360,
-62.2688

■ 170.3470, 17.0839,
-19.5983

■ 83.2660, 60.0149,
-69.5163

■ 182.7840, 10.9525,
-12.9656

■ 80.8960, 61.1833,
-70.9458

■ 194.9330, 4.9630,
-5.2032

■ 207.3700, -1.1684,
1.4295

■ 220.1060, -7.4473,
8.6770

■ 231.9560,
-13.2893, 15.8246

■ 239.9080,
-17.2096, 13.2357

Harmonies

Analogous

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



111.5680, 41.6250, -97.8451



133.0250, 35.4837, -41.2409



141.8130, 27.2072, 0.1640

Triad

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



133.0250, 35.4837, -41.2409



140.6170, -15.5872, 52.9559



128.0820, -11.3794, -36.9059

Complementary

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



133.0250, 35.4837, -41.2409



157.9750, -35.4837, 41.2409

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.



133.4960, -25.8805, -5.6970



133.0250, 35.4837, -41.2409



139.4510, -27.3373, 41.7005

Square

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



133.0250, 35.4837, -41.2409



142.2050, -0.5941, 50.6862



136.8800, -31.4928, 21.1532



115.3660, 11.1586, -79.2510

Rectangle

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



133.0250, 35.4837, -41.2409



143.5940, 19.4272, 22.2811



136.8800, -31.4928, 21.1532



130.3670, -16.9429, -25.7549

Sweetspot

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



133.0250, 35.4837, -41.2409



228.6420, 12.9945, -14.5950



162.8070, -7.7929, -67.3597



112.0080, 7.8841, -8.7770



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.



133.0250, 35.4837, -41.2409



147.1870, 53.1518, -61.5540



100.1640, 51.6841, -10.6678



96.0750, 2.9210, -3.5738



65.2970, 49.6466, -57.2655



14.8980, 11.3893, -13.0655

Inverse Universe

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



128.0790, 7.3561, 67.4597



139.9120, 10.8894, 100.9322



190.8360, -51.6841, 10.6678



95.5600, 0.7099, 5.6479



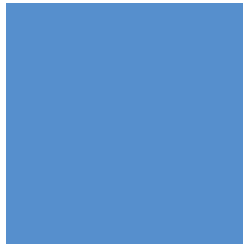
58.6400, 10.0375, 94.1547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 133.0250, 35.4837, -41.2409 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0250, 35.4837, -41.2409 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 × Fail

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

YUV 133.0250, 35.4837, -41.2409

Background



This preview shows how black text looks on a background with the YUV color 133.0250, 35.4837, -41.2409.

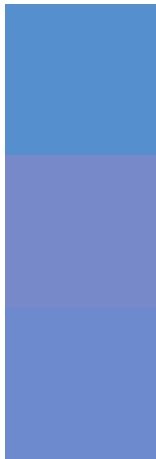


This preview shows how white text looks on a background with the YUV color 133.0250, 35.4837, -41.2409.

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

133.0250, 35.4837, -41.2409

Protanopia

138.8000, 30.1716, -17.3646

Deuteranopia

137.0810, 33.9771, -24.6270



Tritanopia

127.8500, 17.3290, -51.6114

Trichromacy



Original Color

133.0250, 35.4837, -41.2409

Protanomaly

136.6140, 32.2353, -25.9715

Deuteranomaly

135.8630, 34.5775, -30.5749

Tritanomaly

129.5930, 23.8647, -47.8781

Monochromacy



Original Color

133.0250, 35.4837, -41.2409

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2290, 12.7051, -15.1098

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.0250, 35.4837, -41.2409 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(86, 143, 205)` looks like.

```
.text, #text, p{  
    color:rgb(86, 143, 205)  
}
```

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(86, 143, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 143, 205) }
```

Border

The CSS property to change the border of an element to YUV 133.0250, 35.4837, -41.2409 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(86, 143, 205) }
```


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

```
.border{ border-color:rgb(86, 143, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 143, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 143, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 143, 205);  
box-shadow:4px 4px 4px 4px rgb(86, 143,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 133.0250, 35.4837, -41.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 143, 205) }
```

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

```
.background{ background-color: rgb(86, 143,  
205) }
```

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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