

Converting Colors

YUV(133.5990, 41.6097,
-46.1293)

Have a look what the booklet for
YUV(133.5990, 41.6097, -46.1293)
contains.

YUV(133.5990, 41.6097, -46.1293)	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(133.5990, 41.6097,
-46.1293)**

Conversions

Conversions Part 1

Format	Color
Hex	5190DA
RGB	81, 144, 218
RGB Percent	32%, 56%, 85%
CMY	0.6824, 0.4353, 0.1451
CMYK	0.63, 0.34, 0.00, 0.15
HSL	212°, 65%, 59%
HSV	212°, 63%, 85%
XYZ	26.0215, 26.7578, 70.1230
YIQ	133.5990, -61.3020, 9.6580

Conversions

Conversions Part 2

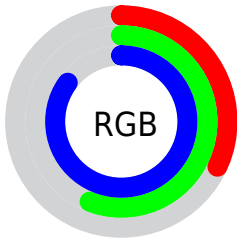
Format	Color
R _Y B	81, 124, 218
Decimal	5345498
CIE Lab	58.75, 2.47, -43.84
CIE LCh	59, 43.906, 273.223
Yxy	26.7578, 0.2117, 0.2177
Android (android.graphics.Color)	4283535578 (0xFF5190DA)
YUV	133.5990, 41.6097, -46.1293
Hunter-Lab	51.7279, -0.7304, -44.1646

Details

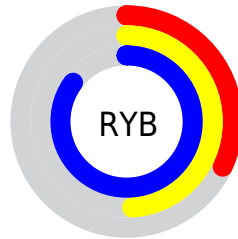
The YUV color **133.5990, 41.6097, -46.1293** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **165.4010, -41.6097, 46.1293**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.8680, 33.5891, -40.2262**, and **73.7600, 43.9953, -64.6875** is the 20% darker color. If you saturate the color by 10%, you get **119.9770, 48.3253, -53.4768**, and if you desaturate by 10%, it is **147.2210, 34.8940, -38.7818**.

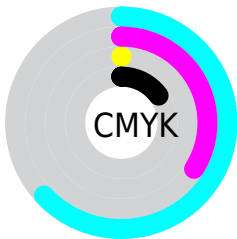
Distribution



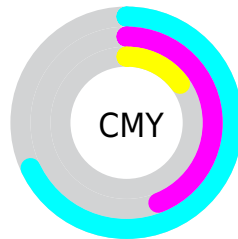
- Red (32%)
- Green (56%)
- Blue (85%)



- Red (32%)
- Yellow (49%)
- Blue (85%)



- Cyan (63%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)



- Cyan (68%)
- Magenta (44%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5990, 41.6097, -46.1293 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 133.5990, 41.6097, -46.1293 by changing the saturation by 10% instead.

■ 133.5990, 41.6097,
-46.1293

■ 133.5990, 41.6097,
-46.1293

■ 255.0000, 0.0000,
0.0000

■ 105.2670, 41.7734,
-51.9772

■ 186.8680, 33.5891,
-40.2262

■ 73.7600, 43.9953,
-64.6875

■ 212.2740, 21.0639,
-36.1973

■ 57.1810, 38.8578,
-50.1477

■ 237.9680, 8.3968,
-33.2979

■ 41.3030, 33.8676,
-36.2227

■ 247.5250, 3.6852,
-15.3694

■ 26.7130, 28.7355,
-23.4273

■ 10.5900, 25.3451,
-9.2874

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 133.5990, 41.6097,
-46.1293

■ 133.5990, 41.6097,
-46.1293

■ 119.9770, 48.3253,
-53.4768

■ 147.2210, 34.8940,
-38.7818

■ 106.3550, 55.0410,
-60.8243

■ 160.8430, 28.1784,
-31.4343

■ 93.6190, 61.3198,
-68.0719

■ 173.5790, 21.8996,
-24.1868

■ 83.5520, 66.2829,
-73.2751

■ 187.2010, 15.1839,
-16.8393

■ 200.8230, 8.4683,
-9.4918

■ 214.4450, 1.7526,
-2.1443

■ 227.4800, -4.6736,
5.7180

■ 240.8030,
-11.2419, 12.4508

■ 247.8470,
-14.7146, 6.2732

Harmonies

Analogous

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



114.2240, 46.7246, -100.1744



133.5990, 41.6097, -46.1293



144.6440, 30.2485, 4.6972

Triad

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



133.5990, 41.6097, -46.1293



141.5210, -19.9769, 60.9331



125.3470, -10.0311, -49.4163

Complementary

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



133.5990, 41.6097, -46.1293



165.4010, -41.6097, 46.1293

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.



132.9530, -29.0638, -11.3598



133.5990, 41.6097, -46.1293



140.2790, -33.1685, 45.3593

Square

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



133.5990, 41.6097, -46.1293



143.2170, -2.0790, 60.3227



137.6750, -37.3078, 19.5790



110.9230, 16.3070, -97.2795

Rectangle

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



133.5990, 41.6097, -46.1293



145.9910, 20.7104, 30.7029



137.6750, -37.3078, 19.5790



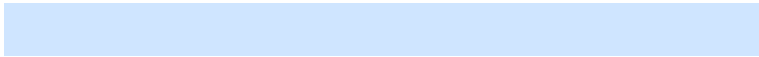
128.6000, -17.0578, -35.6062

Sweetspot

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



133.5990, 41.6097, -46.1293



225.3860, 14.5997, -16.1245



169.7410, -7.7603, -77.8259



109.6380, 9.0525, -10.2065



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.



133.5990, 41.6097, -46.1293



137.4300, 57.9620, -64.3981



98.1130, 59.1043, -10.6231



103.1890, 3.3578, -3.6738



66.6820, 52.4148, -58.4801



17.5710, 14.0155, -15.4098

Inverse Universe

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



129.1450, 7.3235, 77.9258



131.1410, 10.2835, 108.6243



200.8870, -59.1043, 10.6231



102.8590, 0.5625, 6.2627



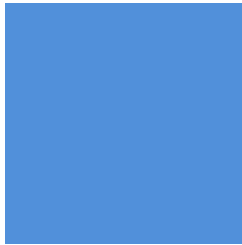
60.8470, 9.4424, 98.3582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 133.5990, 41.6097, -46.1293 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 133.5990, 41.6097, -46.1293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

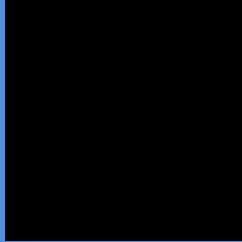
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.5990, 41.6097, -46.1293

Background



This preview shows how black text looks on a background with the YUV color 133.5990, 41.6097, -46.1293.



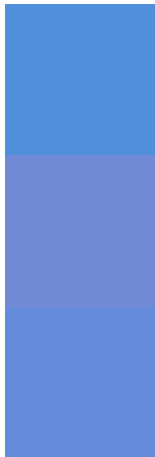
This preview shows how white text looks on a background with the YUV color 133.5990, 41.6097, -46.1293.

-46.1293.

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

133.5990, 41.6097, -46.1293

Protanopia

139.3740, 36.2976, -22.2530

Deuteranopia

137.0460, 40.4033, -32.4893



Tritanopia

125.8810, 20.2717, -62.1626

Trichromacy



Original Color

133.5990, 41.6097, -46.1293

Protanomaly

137.1880, 38.3613, -30.8599

Deuteranomaly

135.5400, 41.1458, -37.3076

Tritanomaly

128.3900, 28.4017, -56.4700

Monochromacy



Original Color

133.5990, 41.6097, -46.1293

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2010, 15.1839, -16.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5990, 41.6097, -46.1293 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(81, 144, 218)` looks like.

```
.text, #text, p{  
    color:rgb(81, 144, 218)  
}
```

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(81, 144, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 144, 218) }
```

Border

The CSS property to change the border of an element to YUV 133.5990, 41.6097, -46.1293 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(81, 144, 218) }
```


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

```
.border{ border-color:rgb(81, 144, 218) }
```

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

Here you see how a box with a 4 pixel rgb(81, 144, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 144, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 144, 218);  
box-shadow:4px 4px 4px 4px rgb(81, 144,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 133.5990, 41.6097, -46.1293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 144, 218) }
```

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

```
.background{ background-color: rgb(81, 144,  
218) }
```

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