

Converting Colors

YUV(133.8950, 32.5898,
-46.3889)

Have a look what the booklet for
YUV(133.8950, 32.5898, -46.3889)
contains.

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Color

**YUV(133.8950, 32.5898,
-46.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	5194C8
RGB	81, 148, 200
RGB Percent	32%, 58%, 78%
CMY	0.6824, 0.4196, 0.2157
CMYK	0.59, 0.26, 0.00, 0.22
HSL	206°, 52%, 55%
HSV	206°, 60%, 78%
XYZ	24.4086, 27.0993, 58.5878
YIQ	133.8950, -56.6240, 1.9680

Conversions

Conversions Part 2

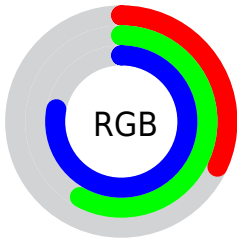
Format	Color
R _Y B	81, 124, 200
Decimal	5346504
CIE Lab	59.07, -5.75, -33.25
CIE LCh	59, 33.741, 260.191
Yxy	27.0993, 0.2217, 0.2461
Android (android.graphics.Color)	4283536584 (0xFF5194C8)
YUV	133.8950, 32.5898, -46.3889
Hunter-Lab	52.0570, -7.4042, -30.2884

Details

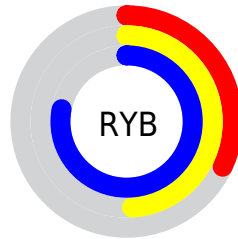
The YUV color **133.8950, 32.5898, -46.3889** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **147.1050, -32.5898, 46.3889**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2050, 32.4369, -44.0298**, and **74.1700, 35.4122, -65.0471** is the 20% darker color. If you saturate the color by 10%, you get **122.6320, 38.1424, -54.0513**, and if you desaturate by 10%, it is **145.1580, 27.0371, -38.7266**.

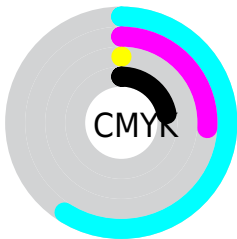
Distribution



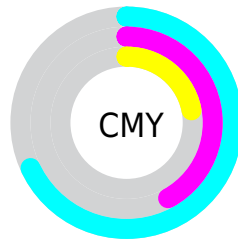
- Red (32%)
- Green (58%)
- Blue (78%)



- Red (32%)
- Yellow (49%)
- Blue (78%)



- Cyan (59%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)



- Cyan (68%)
- Magenta (42%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8950, 32.5898, -46.3889 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 133.8950, 32.5898, -46.3889 by changing the saturation by 10% instead.

■ 133.8950, 32.5898,
-46.3889

■ 133.8950, 32.5898,
-46.3889

■ 255.0000, 0.0000,
0.0000

■ 105.9870, 33.0374,
-49.9776

■ 189.2050, 32.4369,
-44.0298

■ 74.1700, 35.4122,
-65.0471

■ 214.3120, 20.0592,
-40.6156

■ 57.1180, 31.0008,
-50.0925

■ 237.6580, 8.5496,
-35.6571

■ 41.3540, 26.4475,
-36.2675

■ 246.6280, 4.1274,
-17.2138

■ 26.2910, 22.0415,
-23.0572

■ 7.8200, 19.8087,
-6.8581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 133.8950, 32.5898,
-46.3889

■ 133.8950, 32.5898,
-46.3889

■ 122.6320, 38.1424,
-54.0513

■ 145.1580, 27.0371,
-38.7266

■ 111.9560, 43.4057,
-62.2284

■ 155.8340, 21.7738,
-30.5494

■ 100.6930, 48.9584,
-69.8908

■ 167.0970, 16.2212,
-22.8871

■ 89.4300, 54.5110,
-77.5531

■ 178.3600, 10.6685,
-15.2247

■ 89.1310, 54.6584,
-78.1679

■ 189.6230, 5.1159,
-7.5624

■ 200.2990, -0.1474,
0.6148

■ 211.5620, -5.7001,
8.2771

■ 222.8250,
-11.2527, 15.9395

■ 232.2940,
-15.9209, 19.9132

Harmonies

Analogous

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



118.5820, 33.7301, -85.5794



133.8950, 32.5898, -46.3889



142.7470, 27.2397, -10.3021

Triad

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



133.8950, 32.5898, -46.3889



144.2620, -10.4822, 48.8822



134.1330, -15.3486, -23.7956

Complementary

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



133.8950, 32.5898, -46.3889



147.1050, -32.5898, 46.3889

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.



138.2520, -25.7602, 2.4100



133.8950, 32.5898, -46.3889



142.8300, -22.1012, 42.2451

Square

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



133.8950, 32.5898, -46.3889



145.5890, 3.6536, 41.5794



140.8250, -28.0147, 25.5865



127.4250, 1.7625, -52.1157

Rectangle

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



133.8950, 32.5898, -46.3889



145.8700, 20.7701, 11.5150



140.8250, -28.0147, 25.5865



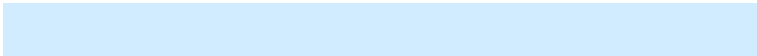
135.7490, -19.5963, -14.6889

Sweetspot

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



133.8950, 32.5898, -46.3889



229.5060, 12.5685, -17.9838



156.7810, -11.7240, -66.4599



111.6980, 8.0369, -11.1361



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.



133.8950, 32.5898, -46.3889



154.5080, 49.5426, -70.6055



99.2620, 49.6638, -16.0158



93.9610, 2.4842, -3.4738



72.5860, 44.5741, -63.6579



15.8440, 9.9369, -13.8952

Inverse Universe

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



124.2190, 11.7240, 66.4599



139.7470, 17.8727, 101.0769



181.7380, -49.6638, 16.0158



93.2610, 0.8573, 5.0331



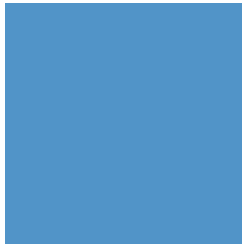
59.2250, 16.1581, 91.0107



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 133.8950, 32.5898, -46.3889 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 133.8950, 32.5898, -46.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

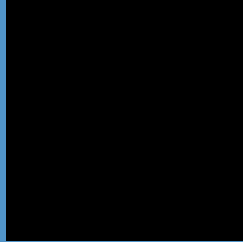
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.8950, 32.5898, -46.3889

Background



This preview shows how black text looks on a background with the YUV color 133.8950, 32.5898, -46.3889.

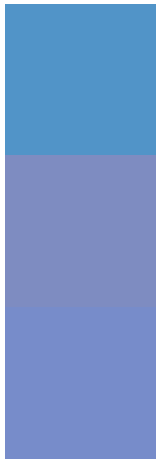


This preview shows how white text looks on a background with the YUV color 133.8950, 32.5898, -46.3889.

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

133.8950, 32.5898, -46.3889

Protanopia

141.8560, 25.2140, -13.9057

Deuteranopia

140.7890, 30.1770, -19.1090



Tritanopia

129.1700, 18.6502, -55.4001

Trichromacy



Original Color

133.8950, 32.5898, -46.3889

Protanomaly

139.1750, 28.0147, -25.5865

Deuteranomaly

138.2500, 30.9357, -29.1603

Tritanomaly

130.8590, 23.7335, -52.4963

Monochromacy



Original Color

133.8950, 32.5898, -46.3889

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9900, 11.8369, -16.6542

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8950, 32.5898, -46.3889 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, 148, 200)` looks like.

```
.text, #text, p{  
    color:rgb(81, 148, 200)  
}
```

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, 148, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 148, 200) }
```

Border

The CSS property to change the border of an element to YUV 133.8950, 32.5898, -46.3889 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, 148, 200) }
```


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

```
.border{ border-color:rgb(81, 148, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 148, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 148, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 148, 200);  
box-shadow:4px 4px 4px 4px rgb(81, 148,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 133.8950, 32.5898, -46.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 148, 200) }
```

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

```
.background{ background-color: rgb(81, 148,  
200) }
```

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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