

Converting Colors

YUV(133.5500, 29.3088,
-20.6534)

Have a look what the booklet for
YUV(133.5500, 29.3088, -20.6534)
contains.

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Color

**YUV(133.5500, 29.3088,
-20.6534)**

Conversions

Conversions Part 1

Format	Color
Hex	6E86C1
RGB	110, 134, 193
RGB Percent	43%, 53%, 76%
CMY	0.5686, 0.4745, 0.2431
CMYK	0.43, 0.31, 0.00, 0.24
HSL	223°, 40%, 59%
HSV	223°, 43%, 76%
XYZ	24.5811, 24.2154, 53.8306
YIQ	133.5500, -33.2430, 13.2610

Conversions

Conversions Part 2

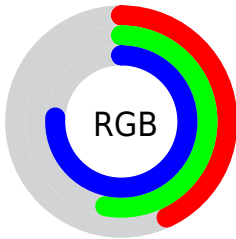
Format	Color
R_{YB}	110, 129, 193
Decimal	7243457
CIE _{Lab}	56.30, 6.91, -33.48
CIE _{LCh}	56, 34.189, 281.660
Y _{xy}	24.2154, 0.2395, 0.2360
Android (android.graphics.Color)	4285433537 (0xFF6E86C1)
YUV	133.5500, 29.3088, -20.6534
Hunter-Lab	49.2092, 3.0488, -30.4116

Details

The YUV color $133.5500, 29.3088, -20.6534$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $169.4500, -29.3088, 20.6534$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.6040, 30.7612, -19.8237$, and $82.4850, 27.8619, -23.2273$ is the 20% darker color. If you saturate the color by 10%, you get $119.6510, 36.1611, -25.1269$, and if you desaturate by 10%, it is $147.4490, 22.4566, -16.1798$.

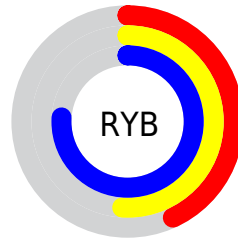
Distribution



Red (43%)

Green (53%)

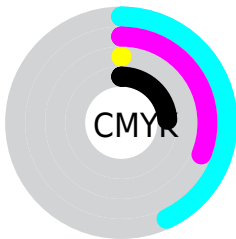
Blue (76%)



Red (43%)

Yellow (51%)

Blue (76%)

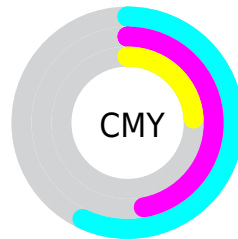


Cyan (43%)

Magenta (31%)

Yellow (0%)

Black (24%)



Cyan (57%)

Magenta (47%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5500, 29.3088, -20.6534 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 133.5500, 29.3088, -20.6534 by changing the saturation by 10% instead.

■ 133.5500, 29.3088,
-20.6534

■ 133.5500, 29.3088,
-20.6534

255.0000, 0.0000,
0.0000

■ 107.7240, 28.7301,
-21.6829

■ 187.6040, 30.7612,
-19.8237

■ 82.4850, 27.8619,
-23.2273

■ 212.9820, 20.7149,
-17.5242

■ 57.3490, 27.4359,
-26.6161

■ 237.7900, 8.4845,
-14.7248

■ 33.6260, 27.2994,
-29.4900

■ 253.8040, 0.5896,
-2.4591

■ 19.1500, 22.6041,
-16.7945

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 133.5500, 29.3088,
-20.6534

■ 133.5500, 29.3088,
-20.6534

■ 119.6510, 36.1611,
-25.1269

■ 147.4490, 22.4566,
-16.1798

■ 106.0400, 42.8713,
-30.7301

■ 161.0600, 15.7464,
-10.5766

■ 92.1410, 49.7235,
-35.2037

■ 174.9590, 8.8942,
-6.1030

■ 78.2420, 56.5757,
-39.6772

■ 188.8580, 2.0420,
-1.6295

■ 64.3430, 63.4279,
-44.1508

■ 203.0560, -4.9576,
3.4589

■ 54.8740, 68.0961,
-48.1245

■ 216.3680,
-11.5204, 8.4473

■ 230.2670,
-18.3726, 12.9208

■ 241.4750,
-23.8982, 11.8614

■ 247.9320,
-27.0815, 6.1986

Harmonies

Analogous

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



121.5620, 34.2329, -60.1289



133.5500, 29.3088, -20.6534



138.4680, 20.4753, 12.7446

Triad

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



133.5500, 29.3088, -20.6534



135.9490, -19.2019, 45.6487



121.8020, -3.3534, -44.5534

Complementary

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



133.5500, 29.3088, -20.6534



169.4500, -29.3088, 20.6534

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.



128.1510, -19.3014, -15.9184



133.5500, 29.3088, -20.6534



134.3850, -27.3048, 31.2344

Square

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



133.5500, 29.3088, -20.6534



137.2880, -6.5510, 47.9824



131.8400, -27.5291, 9.7873



108.8690, 18.3056, -84.9541

Rectangle

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



133.5500, 29.3088, -20.6534



138.8140, 12.4167, 30.8581



131.8400, -27.5291, 9.7873



124.3750, -9.0589, -34.5319

Sweetspot

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



133.5500, 29.3088, -20.6534



226.6320, 11.5204, -8.4473



165.3330, 1.3148, -48.5270



110.8020, 6.9996, -5.0884



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



133.5500, 29.3088, -20.6534



157.1260, 45.7869, -32.5595



124.5450, 33.7483, 2.1530



89.9010, 3.4998, -2.5442



45.3560, 57.0125, -39.7772



9.6320, 11.5204, -8.4473

Inverse Universe

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



137.5530, -1.7516, 48.6270



163.2020, -2.5646, 76.1218



178.4550, -33.7483, -2.1530



90.3320, -0.1637, 5.8478



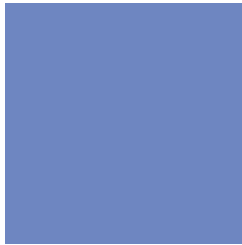
53.3830, -3.6398, 94.3801



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 133.5500, 29.3088, -20.6534 looks on a white background.

Color Contrast Check

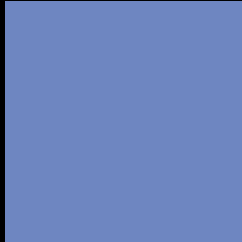
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5500, 29.3088, -20.6534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

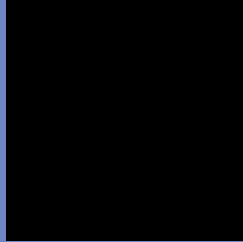
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

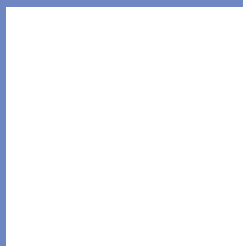
Any Text WCAG AAA × Fail

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

YUV 133.5500, 29.3088, -20.6534 Background



This preview shows how black text looks on a background with the YUV color 133.5500, 29.3088, -20.6534.



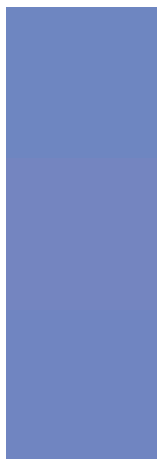
This preview shows how white text looks on a background with the YUV color 133.5500, 29.3088, -20.6534.

-20.6534.

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

133.5500, 29.3088, -20.6534

Protanopia

134.6430, 28.2770, -16.3499

Deuteranopia

133.5610, 29.3034, -18.9090



Tritanopia

130.3970, 11.1433, -27.5352

Trichromacy



Original Color

133.5500, 29.3088, -20.6534

Protanomaly

134.0450, 28.5718, -17.5795

Deuteranomaly

133.2620, 29.4508, -19.5238

Tritanomaly

131.5420, 17.9738, -25.0313

Monochromacy



Original Color

133.5500, 29.3088, -20.6534

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.7030, 10.4994, -7.6325

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5500, 29.3088, -20.6534 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(110, 134, 193)` looks like.

```
.text, #text, p{  
    color:rgb(110, 134, 193)  
}
```

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(110, 134, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 134, 193) }
```

Border

The CSS property to change the border of an element to YUV 133.5500, 29.3088, -20.6534 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(110, 134, 193) }
```


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

```
.border{ border-color:rgb(110, 134, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 134, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 134, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 134, 193);  
box-shadow:4px 4px 4px 4px rgb(110, 134,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 133.5500, 29.3088, -20.6534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 134, 193) }
```

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

```
.background{ background-color: rgb(110,  
134, 193) }
```

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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