

Converting Colors

YUV(133.4420, 22.9531,
-35.4676)

Have a look what the booklet for
YUV(133.4420, 22.9531, -35.4676)
contains.

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Color

**YUV(133.4420, 22.9531,
-35.4676)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5D91B4 |
| RGB | 93, 145, 180 |
| RGB Percent | 36%, 57%, 71% |
| CMY | 0.6353, 0.4314, 0.2941 |
| CMYK | 0.48, 0.19, 0.00, 0.29 |
| HSL | 204°, 37%, 54% |
| HSV | 204°, 48%, 71% |
| XYZ | 22.8778, 25.8732, 46.9683 |
| YIQ | 133.4420, -42.2270, -0.1390 |

Conversions

Conversions Part 2

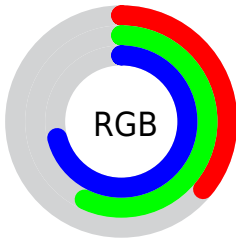
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 93, 126, 180 |
| Decimal | 6132148 |
| CIE Lab | 57.92, -7.58, -23.67 |
| CIE LCh | 58, 24.858, 252.244 |
| Yxy | 25.8732, 0.2390, 0.2703 |
| Android (android.graphics.Color) | 4284322228 (0xFF5D91B4) |
| YUV | 133.4420, 22.9531, -35.4676 |
| Hunter-Lab | 50.8657, -8.7313, -19.1410 |

Details

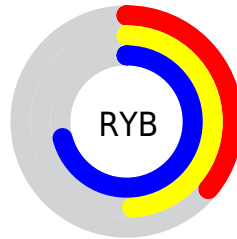
The YUV color $133.4420, 22.9531, -35.4676$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $139.5580, -22.9531, 35.4676$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $187.9690, 23.6793, -35.0528$, and $81.0070, 22.6745, -39.4711$ is the 20% darker color. If you saturate the color by 10%, you get $123.9510, 27.6322, -42.9300$, and if you desaturate by 10%, it is $142.9330, 18.2740, -28.0052$.

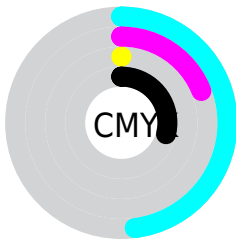
Distribution



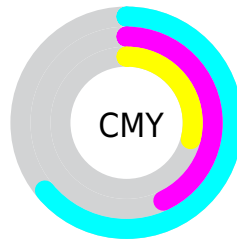
- Red (36%)
- Green (57%)
- Blue (71%)



- Red (36%)
- Yellow (49%)
- Blue (71%)



- Cyan (48%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.4420, 22.9531, -35.4676 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 133.4420, 22.9531, -35.4676 by changing the saturation by 10% instead.

■ 133.4420, 22.9531,
-35.4676

■ 133.4420, 22.9531,
-35.4676

255.0000, 0.0000,
0.0000

■ 107.0290, 22.6637,
-35.9824

■ 187.9690, 23.6793,
-35.0528

■ 81.0070, 22.6745,
-39.4711

■ 214.9430, 19.7481,
-34.1530

■ 53.3050, 24.0066,
-46.7485

■ 239.7510, 7.5178,
-31.3536

■ 37.6550, 19.8901,
-33.0234

■ 248.4220, 3.2430,
-13.5251

■ 22.7060, 15.9209,
-19.9132

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 133.4420, 22.9531,
-35.4676

■ 133.4420, 22.9531,
-35.4676

■ 123.9510, 27.6322,
-42.9300

■ 142.9330, 18.2740,
-28.0052

■ 114.4600, 32.3112,
-50.3924

■ 152.4240, 13.5950,
-20.5428

■ 104.3820, 37.2797,
-57.3400

■ 162.5020, 8.6265,
-13.5953

■ 94.8910, 41.9587,
-64.8024

■ 171.9930, 3.9475,
-6.1329

■ 85.4000, 46.6378,
-72.2648

■ 181.4840, -0.7316,
1.3295

■ 83.9160, 47.3694,
-73.5943

■ 190.9750, -5.4107,
8.7919

■ 201.0530,
-10.3791, 15.7395

■ 210.5440,
-15.0582, 23.2019

■ 220.0350,
-19.7373, 30.6643

Harmonies

Analogous

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



128.7300, 19.3601, -49.7522



133.4420, 22.9531, -35.4676



138.7160, 20.8460, -12.9059

Triad

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



133.4420, 22.9531, -35.4676



141.8520, -5.3500, 36.0868



134.5520, -14.0761, -11.8851

Complementary

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



133.4420, 22.9531, -35.4676



139.5580, -22.9531, 35.4676

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.



137.3650, -20.3929, 7.5729



133.4420, 22.9531, -35.4676



140.7240, -14.6539, 33.5681

Square

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



133.4420, 22.9531, -35.4676



142.8430, 5.0074, 27.3247



138.8770, -20.1524, 23.7869



131.0040, -2.9600, -30.6985

Rectangle

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



133.4420, 22.9531, -35.4676



141.1910, 17.1608, 2.4635



138.8770, -20.1524, 23.7869



135.6130, -16.5712, -4.9226

Sweetspot

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



133.4420, 22.9531, -35.4676



215.4310, 9.6475, -14.4100



148.0590, -9.8891, -48.2867



106.0250, 5.4107, -8.7919



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



133.4420, 22.9531, -35.4676



162.0510, 35.9639, -55.2957



108.2010, 35.3969, -13.3313



84.5480, 2.1948, -3.9886



70.8590, 40.4955, -62.1433



11.7690, 7.0159, -10.3214

Inverse Universe

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



124.9410, 9.8891, 48.2867



148.8980, 15.3333, 75.5115



164.7990, -35.3969, 13.3313



83.3750, 1.2941, 4.9331



56.1210, 17.1953, 84.9629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 133.4420, 22.9531, -35.4676 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 133.4420, 22.9531, -35.4676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

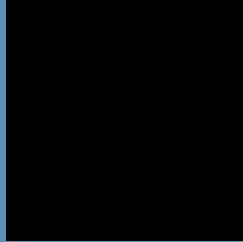
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.4420, 22.9531, -35.4676

Background



This preview shows how black text looks on a background with the YUV color 133.4420, 22.9531, -35.4676.



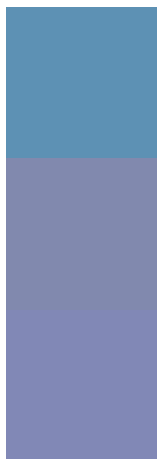
This preview shows how white text looks on a background with the YUV color 133.4420, 22.9531, -35.4676.

-35.4676.

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

133.4420, 22.9531, -35.4676

Protanopia

138.8260, 17.3408, -8.6174

Deuteranopia

139.1510, 21.1246, -8.9024



Tritanopia

131.1290, 14.2334, -38.7011

Trichromacy



Original Color

133.4420, 22.9531, -35.4676

Protanomaly

136.9280, 19.2625, -18.3539

Deuteranomaly

136.9110, 21.7359, -18.3389

Tritanomaly

131.9380, 17.2856, -37.6566

Monochromacy



Original Color

133.4420, 22.9531, -35.4676

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8010, 8.4791, -12.9805

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4420, 22.9531, -35.4676 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(93, 145, 180)` looks like.

```
.text, #text, p{  
    color:rgb(93, 145, 180)  
}
```

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(93, 145, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 145, 180) }
```

Border

The CSS property to change the border of an element to YUV 133.4420, 22.9531, -35.4676 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(93, 145, 180) }
```


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

```
.border{ border-color:rgb(93, 145, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 145, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 145, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 145, 180);  
box-shadow:4px 4px 4px 4px rgb(93, 145,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 133.4420, 22.9531, -35.4676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 145, 180) }
```

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

```
.background{ background-color: rgb(93, 145,  
180) }
```

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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