

Converting Colors

YUV(141.4220, 16.5540,
-36.3271)

Have a look what the booklet for
YUV(141.4220, 16.5540, -36.3271)
contains.

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Color

**YUV(141.4220, 16.5540,
-36.3271)**

Conversions

Conversions Part 1

Format	Color
Hex	649CAF
RGB	100, 156, 175
RGB Percent	39%, 61%, 69%
CMY	0.6078, 0.3882, 0.3137
CMYK	0.43, 0.11, 0.00, 0.31
HSL	195°, 32%, 54%
HSV	195°, 43%, 69%
XYZ	24.8819, 29.5814, 44.9558
YIQ	141.4220, -39.4750, -5.9630

Conversions

Conversions Part 2

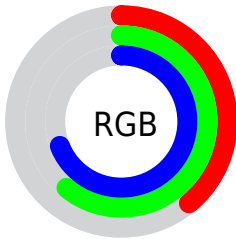
Format	Color
R_{YB}	100, 132, 175
Decimal	6593711
CIE _{Lab}	61.29, -13.30, -15.67
CIE _{LCh}	61, 20.549, 229.672
Yxy	29.5814, 0.2503, 0.2975
Android (android.graphics.Color)	4284783791 (0xFF649CAF)
YUV	141.4220, 16.5540, -36.3271
Hunter-Lab	54.3888, -13.5199, -10.9348

Details

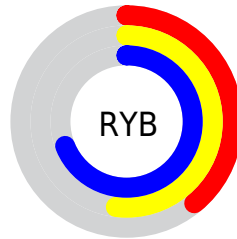
The YUV color $141.4220, 16.5540, -36.3271$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $133.5780, -16.5540, 36.3271$, and the grayscale version is $141.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $196.2370, 17.1382, -37.0418$, and $89.4110, 16.5594, -38.0714$ is the 20% darker color. If you saturate the color by 10%, you get $133.9910, 20.2174, -44.7191$, and if you desaturate by 10%, it is $149.1520, 12.7431, -27.3203$.

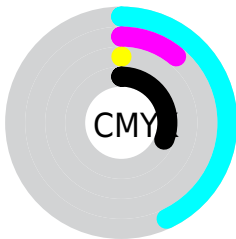
Distribution



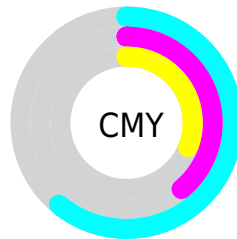
- Red (39%)
- Green (61%)
- Blue (69%)



- Red (39%)
- Yellow (52%)
- Blue (69%)



- Cyan (43%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (61%)
- Magenta (39%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 141.4220, 16.5540, -36.3271 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 141.4220, 16.5540, -36.3271 by changing the saturation by 10% instead.

■ 141.4220, 16.5540,
-36.3271

■ 141.4220, 16.5540,
-36.3271

■ 255.0000, 0.0000,
0.0000

■ 115.0090, 16.2646,
-36.8419

■ 196.2370, 17.1382,
-37.0418

■ 89.4110, 16.5594,
-38.0714

■ 223.7810, 15.3910,
-36.6419

■ 62.6060, 17.4492,
-43.5045

■ 241.8440, 6.4859,
-27.0502

■ 41.8950, 15.8278,
-36.7419

■ 250.5150, 2.2111,
-9.2217

■ 26.9460, 11.8586,
-23.6316

■ 9.8770, 9.9206,
-8.6621

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 141.4220, 16.5540,
-36.3271

■ 141.4220, 16.5540,
-36.3271

■ 133.9910, 20.2174,
-44.7191

■ 149.1520, 12.7431,
-27.3203

■ 125.6740, 24.3177,
-53.2111

■ 157.1700, 8.7902,
-19.4431

■ 117.9440, 28.1286,
-62.2179

■ 164.9000, 4.9793,
-10.4363

■ 109.9260, 32.0815,
-70.0951

■ 172.9180, 1.0264,
-2.5591

■ 102.1960, 35.8924,
-79.1019

■ 180.3490, -2.6371,
5.8329

■ 96.8470, 38.5294,
-84.9348

■ 188.6660, -6.7373,
14.3249

■ 196.3960,
-10.5482, 23.3317

■ 203.8270,
-14.2117, 31.7237

■ 211.2470,
-17.8698, 38.3714

Harmonies

Analogous

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



139.8750, 9.4286, -37.6014



141.4220, 16.5540, -36.3271



145.3680, 18.5526, -24.0017

Triad

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



141.4220, 16.5540, -36.3271



151.3220, 1.8133, 25.1506



146.1840, -15.8667, 2.4696

Complementary

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



141.4220, 16.5540, -36.3271



133.5780, -16.5540, 36.3271

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.



147.9300, -17.2205, 16.7244



141.4220, 16.5540, -36.3271



150.1780, -6.4968, 30.5389

Square

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



141.4220, 16.5540, -36.3271



150.5360, 10.5818, 12.6849



149.5060, -14.0535, 27.6202



143.3930, -9.5607, -13.4997

Rectangle

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



141.4220, 16.5540, -36.3271



147.8040, 17.3516, -12.1061



149.5060, -14.0535, 27.6202



146.8750, -17.1934, 8.0026

Sweetspot

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



141.4220, 16.5540, -36.3271



213.3340, 6.7373, -14.3249



146.1910, -13.4052, -40.5095



106.3840, 4.2477, -9.1068



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



141.4220, 16.5540, -36.3271



175.2930, 25.4916, -56.3850



119.7030, 27.2614, -17.2795



83.1350, 1.9054, -4.5034



82.8440, 33.1079, -72.6542



12.6010, 5.1267, -11.0511

Inverse Universe

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



128.8090, 13.4052, 40.5095



155.6020, 20.9022, 62.6160



155.2970, -27.2614, 17.2795



81.4890, 1.7309, 4.8331



57.6180, 26.8103, 81.0190



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 141.4220, 16.5540, -36.3271 looks on a white background.

Color Contrast Check

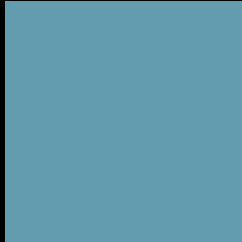
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.4220, 16.5540, -36.3271 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 141.4220, 16.5540, -36.3271 Background



This preview shows how black text looks on a background with the YUV color 141.4220, 16.5540, -36.3271.



This preview shows how white text looks on a background with the YUV color 141.4220, 16.5540,

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

141.4220, 16.5540, -36.3271

Protanopia

148.0240, 10.3412, -3.5290

Deuteranopia

148.7730, 14.4089, -1.5549



Tritanopia

140.8410, 14.3754, -37.5716

Trichromacy



Original Color

141.4220, 16.5540, -36.3271

Protanomaly

145.8160, 12.4157, -15.6246

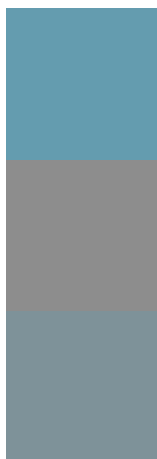
Deuteranomaly

145.9240, 15.3205, -13.9653

Tritanomaly

141.3680, 15.1016, -37.1567

Monochromacy



Original Color

141.4220, 16.5540, -36.3271

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.8180, 6.0057, -12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.4220, 16.5540, -36.3271 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(100, 156, 175)` looks like.

```
.text, #text, p{  
    color:rgb(100, 156, 175)  
}
```

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(100, 156, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 156, 175) }
```

Border

The CSS property to change the border of an element to YUV 141.4220, 16.5540, -36.3271 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(100, 156, 175) }
```


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

```
.border{ border-color:rgb(100, 156, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 156, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 156, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 156, 175);  
box-shadow:4px 4px 4px 4px rgb(100, 156,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 141.4220, 16.5540, -36.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 156, 175) }
```

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

```
.background{ background-color: rgb(100,  
156, 175) }
```

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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