

Converting Colors

YUV(134.5650, 29.7945,
-36.4525)

Have a look what the booklet for
YUV(134.5650, 29.7945, -36.4525)
contains.

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Color

**YUV(134.5650, 29.7945,
-36.4525)**

Conversions

Conversions Part 1

Format	Color
Hex	5D90C3
RGB	93, 144, 195
RGB Percent	36%, 56%, 76%
CMY	0.6353, 0.4353, 0.2353
CMYK	0.52, 0.26, 0.00, 0.24
HSL	210°, 46%, 56%
HSV	210°, 52%, 76%
XYZ	24.3378, 26.2138, 55.4068
YIQ	134.5650, -46.7670, 5.0490

Conversions

Conversions Part 2

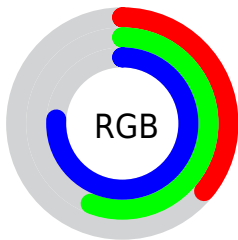
Format	Color
R_{YB}	93, 127, 195
Decimal	6131907
CIE _{Lab}	58.24, -2.49, -31.67
CIE _{LCh}	58, 31.772, 265.501
Yxy	26.2138, 0.2297, 0.2474
Android (android.graphics.Color)	4284321987 (0xFF5D90C3)
YUV	134.5650, 29.7945, -36.4525
Hunter-Lab	51.1994, -4.7485, -28.3226

Details

The YUV color $134.5650, 29.7945, -36.4525$ 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 $153.4350, -29.7945, 36.4525$, and the grayscale version is $134.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $189.5050, 30.8100, -35.5229$, and $80.8200, 29.6687, -42.8151$ is the 20% darker color. If you saturate the color by 10%, you get $123.0140, 35.4891, -42.9853$, and if you desaturate by 10%, it is $146.1160, 24.0998, -29.9197$.

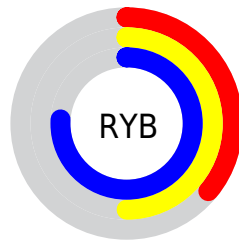
Distribution



Red (36%)

Green (56%)

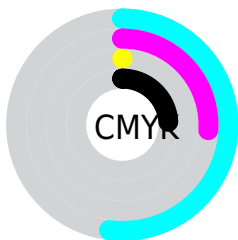
Blue (76%)



Red (36%)

Yellow (50%)

Blue (76%)

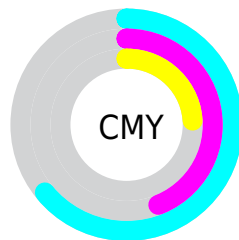


Cyan (52%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (64%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.5650, 29.7945, -36.4525 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 134.5650, 29.7945, -36.4525 by changing the saturation by 10% instead.

■ 134.5650, 29.7945,
-36.4525

■ 134.5650, 29.7945,
-36.4525

255.0000, 0.0000,
0.0000

■ 107.5540, 29.7999,
-38.1969

■ 189.5050, 30.8100,
-35.5229

■ 80.8200, 29.6687,
-42.8151

■ 214.6550, 19.8901,
-33.0234

■ 54.2000, 29.9744,
-47.5334

■ 239.7620, 7.5123,
-29.6093

■ 38.4360, 25.4211,
-33.7084

■ 249.0200, 2.9481,
-12.2955

■ 24.0740, 21.1625,
-21.1129

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 134.5650, 29.7945,
-36.4525

■ 134.5650, 29.7945,
-36.4525

■ 123.0140, 35.4891,
-42.9853

■ 146.1160, 24.0998,
-29.9197

■ 111.1640, 41.3311,
-50.1328

■ 157.3790, 18.5472,
-22.2574

■ 99.9010, 46.8838,
-57.7952

■ 168.9300, 12.8525,
-15.7246

■ 88.3500, 52.5784,
-64.3280

■ 180.7800, 7.0105,
-8.5771

■ 79.7560, 56.8153,
-69.9460

■ 192.3310, 1.3158,
-2.0443

■ 203.5940, -4.2368,
5.6181

■ 215.1450, -9.9315,
12.1508

■ 226.9950,
-15.7735, 19.2984

■ 234.6590,
-19.5519, 17.8391

Harmonies

Analogous

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



123.4810, 30.3289, -67.9508



134.5650, 29.7945, -36.4525



141.2810, 24.0185, -3.7544

Triad

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



134.5650, 29.7945, -36.4525



141.7840, -12.2185, 45.7934



132.0340, -11.8488, -26.3398

Complementary

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



134.5650, 29.7945, -36.4525



153.4350, -29.7945, 36.4525

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.



135.9140, -23.1286, -1.6786



134.5650, 29.7945, -36.4525



140.3950, -22.3797, 38.2416

Square

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



134.5650, 29.7945, -36.4525



143.1930, 0.8909, 41.0497



138.4330, -26.8355, 20.6683



125.8100, 4.5307, -53.3304

Rectangle

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



134.5650, 29.7945, -36.4525



143.6810, 17.4123, 15.1888



138.4330, -26.8355, 20.6683



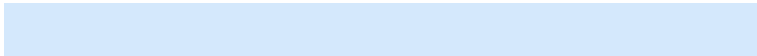
133.2370, -16.3858, -17.7478

Sweetspot

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



134.5650, 29.7945, -36.4525



228.3000, 11.6841, -14.2951



158.6880, -7.2412, -57.6084



112.8940, 7.4473, -8.6770



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.



134.5650, 29.7945, -36.4525



158.0860, 46.2996, -57.0804



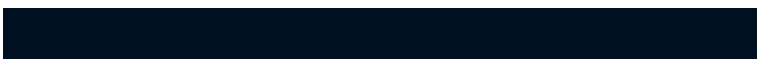
104.6280, 44.5534, -10.1978



91.0750, 2.9210, -3.5738



65.3140, 47.1732, -57.2804



13.7410, 9.4947, -12.0509

Inverse Universe

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



129.3120, 7.2412, 57.6084



149.6610, 11.5061, 89.7513



183.3720, -44.5534, 10.1978



90.5600, 0.7099, 5.6479



57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 134.5650, 29.7945, -36.4525 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 134.5650, 29.7945, -36.4525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

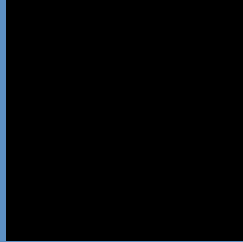
Any Text WCAG AA ✓ Pass

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 134.5650, 29.7945, -36.4525 Background



This preview shows how black text looks on a background with the YUV color 134.5650, 29.7945, -36.4525.

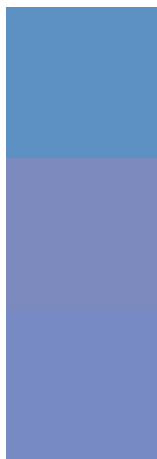


This preview shows how white text looks on a background with the YUV color 134.5650, 29.7945, -36.4525.

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

134.5650, 29.7945, -36.4525

Protanopia

139.7420, 24.7772, -13.8057

Deuteranopia

138.9310, 28.1350, -17.4795



Tritanopia

131.0360, 15.2653, -43.0046

Trichromacy



Original Color

134.5650, 29.7945, -36.4525

Protanomaly

137.8550, 26.6935, -21.7978

Deuteranomaly

137.4140, 28.8829, -24.0421

Tritanomaly

132.4260, 20.4960, -40.7156

Monochromacy



Original Color

134.5650, 29.7945, -36.4525

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.7840, 10.9525, -12.9656

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.5650, 29.7945, -36.4525 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, 144, 195)` looks like.

```
.text, #text, p{  
    color:rgb(93, 144, 195)  
}
```

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, 144, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 144, 195) }
```

Border

The CSS property to change the border of an element to YUV 134.5650, 29.7945, -36.4525 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, 144, 195) }
```


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

```
.border{ border-color:rgb(93, 144, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 144, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 144, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 144, 195);  
box-shadow:4px 4px 4px 4px rgb(93, 144,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 134.5650, 29.7945, -36.4525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 144, 195) }
```

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

```
.background{ background-color: rgb(93, 144,  
195) }
```

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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