

Converting Colors

YUV(133.2650, 14.6594,
-35.3124)

Have a look what the booklet for
YUV(133.2650, 14.6594, -35.3124)
contains.

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Color

**YUV(133.2650, 14.6594,
-35.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	5D94A3
RGB	93, 148, 163
RGB Percent	36%, 58%, 64%
CMY	0.6353, 0.4196, 0.3608
CMYK	0.43, 0.09, 0.00, 0.36
HSL	193°, 28%, 50%
HSV	193°, 43%, 64%
XYZ	21.7150, 26.1513, 38.5535
YIQ	133.2650, -37.5950, -6.9950

Conversions

Conversions Part 2

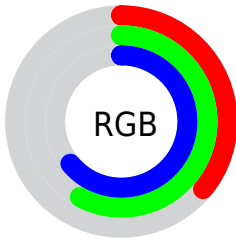
Format	Color
R_{YB}	93, 124, 163
Decimal	6132899
CIE _{Lab}	58.18, -14.08, -13.59
CIE _{LCh}	58, 19.572, 223.996
Yxy	26.1513, 0.2513, 0.3026
Android (android.graphics.Color)	4284322979 (0xFF5D94A3)
YUV	133.2650, 14.6594, -35.3124
Hunter-Lab	51.1384, -13.6954, -8.9023

Details

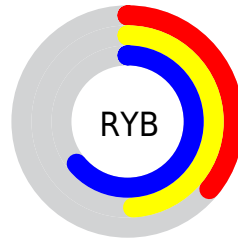
The YUV color **133.2650, 14.6594, -35.3124** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **122.7350, -14.6594, 35.3124**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3790, 15.0962, -35.4124**, and **81.2540, 14.6648, -37.0568** is the 20% darker color. If you saturate the color by 10%, you get **126.7200, 17.8860, -43.6044**, and if you desaturate by 10%, it is **139.8100, 11.4327, -27.0204**.

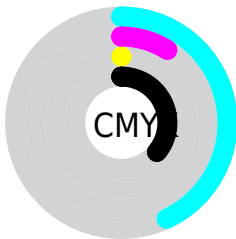
Distribution



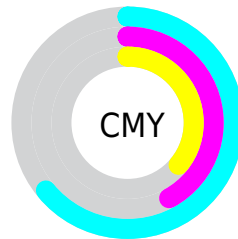
- Red (36%)
- Green (58%)
- Blue (64%)



- Red (36%)
- Yellow (49%)
- Blue (64%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2650, 14.6594, -35.3124 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 133.2650, 14.6594, -35.3124 by changing the saturation by 10% instead.

■ 133.2650, 14.6594,
-35.3124

■ 133.2650, 14.6594,
-35.3124

■ 255.0000, 0.0000,
0.0000

■ 107.2650, 14.6594,
-35.3124

■ 187.3790, 15.0962,
-35.4124

■ 81.2540, 14.6648,
-37.0568

■ 215.0800, 15.2436,
-36.0272

■ 53.9650, 16.2863,
-43.8193

■ 239.1530, 7.8126,
-32.5832

■ 37.2330, 13.1961,
-32.6533

■ 247.8240, 3.5378,
-14.7546

■ 22.3980, 9.6638,
-19.6430

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 133.2650, 14.6594,
-35.3124

■ 133.2650, 14.6594,
-35.3124

■ 126.7200, 17.8860,
-43.6044

■ 139.8100, 11.4327,
-27.0204

■ 119.2890, 21.5495,
-51.9965

■ 147.2410, 7.7692,
-18.6284

■ 112.7440, 24.7762,
-60.2885

■ 153.7860, 4.5425,
-10.3363

■ 105.6120, 28.2923,
-68.0657

■ 160.9180, 1.0264,
-2.5591

■ 99.0670, 31.5190,
-76.3578

■ 167.7620, -2.3477,
6.3477

■ 93.7180, 34.1560,
-82.1907

■ 174.8940, -5.8637,
14.1250

■ 181.4390, -9.0904,
22.4170

■ 188.5710,
-12.6065, 30.1942

■ 195.4150,
-15.9806, 39.1010

Harmonies

Analogous

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



132.6150, 7.0918, -34.7424



133.2650, 14.6594, -35.3124



136.4280, 17.5370, -24.9314

Triad

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



133.2650, 14.6594, -35.3124



143.0550, 3.4239, 21.8768



138.0210, -15.2934, 5.2436

Complementary

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



133.2650, 14.6594, -35.3124



122.7350, -14.6594, 35.3124

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.



140.1690, -16.3523, 18.2688



133.2650, 14.6594, -35.3124



142.5090, -5.1809, 28.4946

Square

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



133.2650, 14.6594, -35.3124



142.6280, 11.0294, 9.0962



141.0760, -11.8695, 27.1203



136.1870, -10.4452, -9.8110

Rectangle

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



133.2650, 14.6594, -35.3124



139.3800, 17.0677, -14.3653



141.0760, -11.8695, 27.1203



138.5270, -16.0358, 10.0618

Sweetspot

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



133.2650, 14.6594, -35.3124



200.1060, 5.8637, -14.1250



135.6860, -14.1422, -37.4356



99.5690, 3.6635, -8.3920



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



133.2650, 14.6594, -35.3124



165.0220, 23.1602, -55.2703



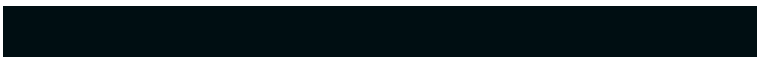
113.3070, 24.4986, -17.8092



78.1350, 1.9054, -4.5034



83.4480, 30.3451, -73.1839



10.2700, 3.8109, -9.0068

Inverse Universe

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



120.2000, 13.7054, 37.5356



144.6940, 21.3499, 59.0274



142.6930, -24.4986, 17.8092



76.4890, 1.7309, 4.8331



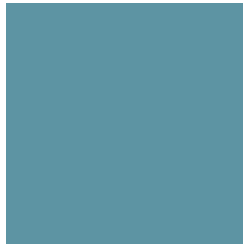
56.3510, 28.4210, 77.7452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 133.2650, 14.6594, -35.3124 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 133.2650, 14.6594, -35.3124 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

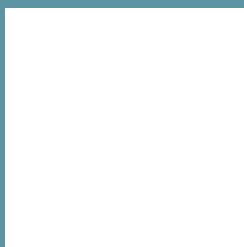
Any Text WCAG AAA × Fail

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

YUV 133.2650, 14.6594, -35.3124 Background



This preview shows how black text looks on a background with the YUV color 133.2650, 14.6594, -35.3124.



This preview shows how white text looks on a background with the YUV color 133.2650, 14.6594, -35.3124.

-35.3124.

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

133.2650, 14.6594, -35.3124

Protanopia

139.8670, 8.4466, -2.5144

Deuteranopia

140.6160, 12.5143, -0.5402



Tritanopia

132.6240, 13.4964, -35.6272

Trichromacy



Original Color

133.2650, 14.6594, -35.3124

Protanomaly

137.6590, 10.5211, -14.6099

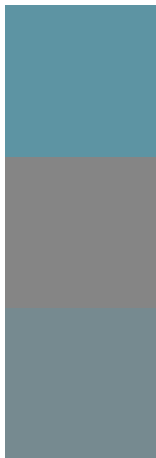
Deuteranomaly

137.7670, 13.4259, -12.9507

Tritanomaly

132.7380, 13.9332, -35.7272

Monochromacy



Original Color

133.2650, 14.6594, -35.3124

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7040, 5.5689, -12.8954

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2650, 14.6594, -35.3124 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, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(93, 148, 163)  
}
```

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, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 148, 163) }
```

Border

The CSS property to change the border of an element to YUV 133.2650, 14.6594, -35.3124 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

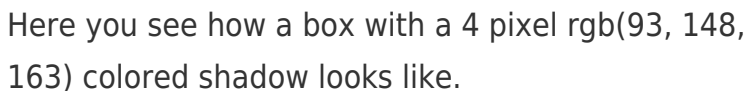
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 148, 163) }
```


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

```
.border{ border-color:rgb(93, 148, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(93, 148,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 133.2650, 14.6594, -35.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 148, 163) }
```

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

```
.background{ background-color: rgb(93, 148,  
163) }
```

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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