

Converting Colors

YUV(193.0060, 14.2940,
-11.4063)

Have a look what the booklet for
YUV(193.0060, 14.2940, -11.4063)
contains.

YUV(193.0060, 14.2940, -11.4063)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(193.0060, 14.2940,
-11.4063)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C2DE
RGB	180, 194, 222
RGB Percent	71%, 76%, 87%
CMY	0.2941, 0.2392, 0.1294
CMYK	0.19, 0.13, 0.00, 0.13
HSL	220°, 39%, 79%
HSV	220°, 19%, 87%
XYZ	51.2990, 53.5608, 76.7418
YIQ	193.0060, -17.3320, 5.7400

Conversions

Conversions Part 2

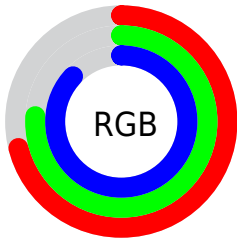
Format	Color
R _Y B	180, 191, 222
Decimal	11846366
CIE Lab	78.20, 1.04, -15.56
CIE LCh	78, 15.599, 273.812
Yxy	53.5608, 0.2825, 0.2949
Android (android.graphics.Color)	4290036446 (0xFFB4C2DE)
YUV	193.0060, 14.2940, -11.4063
Hunter-Lab	73.1852, -2.9551, -10.9416

Details

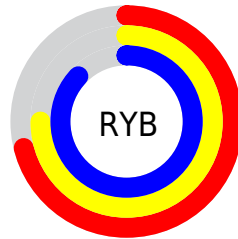
The YUV color **193.0060, 14.2940, -11.4063** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **208.9940, -14.2940, 11.4063**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.3840, 4.2477, -9.1068**, and **139.7780, 13.4204, -11.2063** is the 20% darker color. If you saturate the color by 10%, you get **177.6230, 21.8779, -17.2094**, and if you desaturate by 10%, it is **208.3890, 6.7102, -5.6032**.

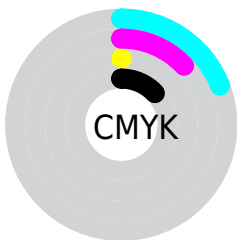
Distribution



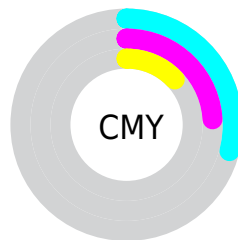
- Red (71%)
- Green (76%)
- Blue (87%)



- Red (71%)
- Yellow (75%)
- Blue (87%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.0060, 14.2940, -11.4063 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 193.0060, 14.2940, -11.4063 by changing the saturation by 10% instead.

■ 193.0060, 14.2940,
-11.4063

■ 193.0060, 14.2940,
-11.4063

255.0000, 0.0000,
0.0000

■ 165.8920, 13.8572,
-11.3063

■ 246.3840, 4.2477,
-9.1068

■ 139.7780, 13.4204,
-11.2063

■ 113.6640, 12.9836,
-11.1063

■ 89.5500, 12.5469,
-11.0063

■ 65.4360, 12.1101,
-10.9064

■ 43.0230, 11.8207,
-11.4212

■ 21.7840, 10.9525,

-12.9656

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 193.0060, 14.2940,
-11.4063

■ 193.0060, 14.2940,
-11.4063

■ 177.6230, 21.8779,
-17.2094

■ 208.3890, 6.7102,
-5.6032

■ 162.2400, 29.4617,
-23.0125

■ 223.7720, -0.8736,
0.2000

■ 147.1450, 36.9035,
-29.9452

■ 238.8670, -8.3154,
7.1326

■ 131.7620, 44.4873,
-35.7483

■ 250.0640,
-13.8356, 4.3289

■ 116.3790, 52.0712,
-41.5514

■ 251.2380,
-14.4143, 3.2993

■ 100.9960, 59.6550,
-47.3545

■ 85.6130, 67.2388,
-53.1576

■ 70.5180, 74.6806,
-60.0903

■ 68.7460, 75.5542,
-60.2902

Harmonies

Analogous

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



190.2280, 14.1846, -23.0020



193.0060, 14.2940, -11.4063



195.1820, 10.7563, 3.3484

Triad

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



193.0060, 14.2940, -11.4063



195.8630, -8.8065, 24.6761



189.6360, -4.7505, -16.3438

Complementary

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



193.0060, 14.2940, -11.4063



208.9940, -14.2940, 11.4063

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.



190.8180, -10.7563, -3.3484



193.0060, 14.2940, -11.4063



194.0920, -12.8634, 19.2133

Square

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



193.0060, 14.2940, -11.4063



195.9860, -1.9651, 23.6913



192.7980, -13.7044, 8.9472



188.3450, 3.2809, -25.7356

Rectangle

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



193.0060, 14.2940, -11.4063



196.0260, 7.3822, 12.2552



192.7980, -13.7044, 8.9472



190.0880, -6.9454, -12.3552

Sweetspot

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



193.0060, 14.2940, -11.4063



244.6450, 5.1050, -4.0737



207.8460, 0.0759, -24.4209



121.7870, 3.0630, -2.4442



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.



193.0060, 14.2940, -11.4063



214.4660, 19.9833, -16.1947



186.8810, 17.3137, 0.1044



104.6020, 3.6472, -3.1590



54.6970, 59.8024, -47.9693



14.8640, 16.3360, -13.0357

Inverse Universe

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



194.1540, -0.0759, 24.4209



215.9210, 0.0389, 34.2723



215.1190, -17.3137, -0.1044



104.7450, 0.1257, 6.3626



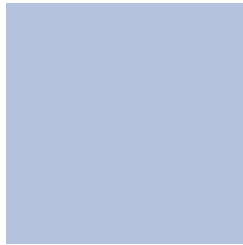
59.3500, -0.1725, 102.3021



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 193.0060, 14.2940, -11.4063 looks on a white background.

Color Contrast Check

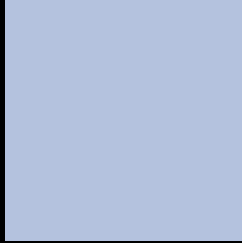
Large Text (above 18pt) WCAG AA × Fail

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 193.0060, 14.2940, -11.4063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

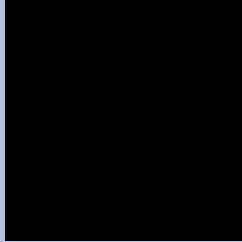
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.0060, 14.2940, -11.4063

Background



This preview shows how black text looks on a background with the YUV color 193.0060, 14.2940, -11.4063.



This preview shows how white text looks on a background with the YUV color 193.0060, 14.2940, -11.4063.

-11.4063.

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

193.0060, 14.2940, -11.4063

Protanopia

193.9960, 12.8200, -5.2585

Deuteranopia

194.9800, 13.8139, 2.6485



Tritanopia

192.3280, 9.2053, -12.5657

Trichromacy



Original Color

193.0060, 14.2940, -11.4063

Protanomaly

193.8000, 13.4096, -7.7176

Deuteranomaly

194.0610, 14.2669, -2.6845

Tritanomaly

192.4960, 11.0945, -11.8360

Monochromacy



Original Color

193.0060, 14.2940, -11.4063

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.0060, 14.2940, -11.4063 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(180, 194, 222)` looks like.

```
.text, #text, p{  
    color:rgb(180, 194, 222)  
}
```

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(180, 194, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 194, 222) }
```

Border

The CSS property to change the border of an element to YUV 193.0060, 14.2940, -11.4063 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(180, 194, 222) }
```


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

```
.border{ border-color:rgb(180, 194, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 194, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 194, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 194, 222);  
box-shadow:4px 4px 4px 4px rgb(180, 194,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 193.0060, 14.2940, -11.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 194, 222) }
```

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

```
.background{ background-color: rgb(180,  
194, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor