

Converting Colors

YUV(153.5940, 25.8362,
-26.8309)

Have a look what the booklet for
YUV(153.5940, 25.8362, -26.8309)
contains.

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Color

**YUV(153.5940, 25.8362,
-26.8309)**

Conversions

Conversions Part 1

Format	Color
Hex	7B9FCE
RGB	123, 159, 206
RGB Percent	48%, 62%, 81%
CMY	0.5176, 0.3765, 0.1922
CMYK	0.40, 0.23, 0.00, 0.19
HSL	214°, 46%, 65%
HSV	214°, 40%, 81%
XYZ	31.7071, 33.4635, 63.1805
YIQ	153.5940, -36.5430, 6.9850

Conversions

Conversions Part 2

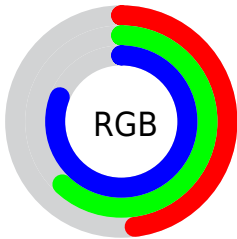
Format	Color
RYB	123, 148, 206
Decimal	8101838
CIELab	64.53, -0.36, -27.96
CIElCh	65, 27.966, 269.262
Yxy	33.4635, 0.2470, 0.2607
Android (android.graphics.Color)	4286291918 (0xFF7B9FCE)
YUV	153.5940, 25.8362, -26.8309
Hunter-Lab	57.8476, -3.3949, -24.2625

Details

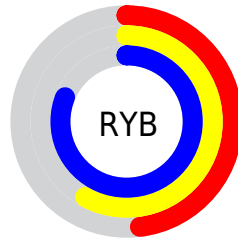
The YUV color **153.5940, 25.8362, -26.8309** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **175.4060, -25.8362, 26.8309**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9100, 23.2154, -26.2311**, and **101.3550, 24.9680, -28.3753** is the 20% darker color. If you saturate the color by 10%, you get **140.2710, 32.4044, -33.5637**, and if you desaturate by 10%, it is **166.9170, 19.2679, -20.0982**.

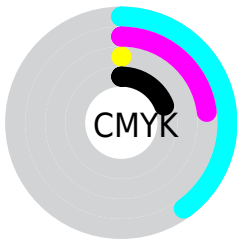
Distribution



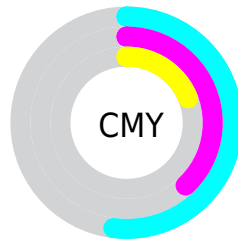
- Red (48%)
- Green (62%)
- Blue (81%)



- Red (48%)
- Yellow (58%)
- Blue (81%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (38%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5940, 25.8362, -26.8309 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 153.5940, 25.8362, -26.8309 by changing the saturation by 10% instead.

■ 153.5940, 25.8362,
-26.8309

■ 153.5940, 25.8362,
-26.8309

255.0000, 0.0000,
0.0000

■ 127.0670, 25.1100,
-27.2458

■ 207.9100, 23.2154,
-26.2311

■ 101.3550, 24.9680,
-28.3753

■ 233.0170, 10.8376,
-22.8169

■ 76.1160, 24.0998,
-29.9197

■ 249.0200, 2.9481,
-12.2955

■ 48.7020, 25.2899,
-38.3267

■ 31.5570, 21.9104,
-27.6755

■ 17.1950, 17.6519,
-15.0800

■ 4.8220, 13.3988,

-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 153.5940, 25.8362,
-26.8309

■ 153.5940, 25.8362,
-26.8309

■ 140.2710, 32.4044,
-33.5637

■ 166.9170, 19.2679,
-20.0982

■ 127.8340, 38.5358,
-40.1964

■ 179.3540, 13.1365,
-13.4655

■ 114.5110, 45.1041,
-46.9291

■ 192.6770, 6.5682,
-6.7327

■ 101.4870, 51.5249,
-53.0471

■ 205.7010, 0.1474,
-0.6148

■ 88.7510, 57.8038,
-60.2946

■ 218.4370, -6.1314,
6.6328

■ 75.7270, 64.2246,
-66.4126

■ 231.7600,
-12.6997, 13.3655

■ 241.1960,
-17.3516, 12.1061

■ 247.6530,
-20.5349, 6.4433

■ 249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



146.7390, 25.7647, -50.6371



153.5940, 25.8362, -26.8309



158.3910, 20.5132, 0.5341

Triad

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



153.5940, 25.8362, -26.8309



158.9360, -12.7864, 41.2751



149.0170, -9.3754, -26.3249

Complementary

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



153.5940, 25.8362, -26.8309



175.4060, -25.8362, 26.8309

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.



152.1140, -19.7762, -3.6080



153.5940, 25.8362, -26.8309



157.0030, -21.2005, 33.3234

Square

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



153.5940, 25.8362, -26.8309



160.0140, -0.9929, 38.5757



155.5080, -23.9144, 17.0945



144.9680, 4.9458, -46.4529

Rectangle

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



153.5940, 25.8362, -26.8309



160.4810, 14.0599, 17.1182



155.5080, -23.9144, 17.0945



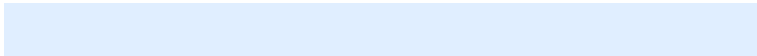
150.0350, -13.3283, -18.4477

Sweetspot

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



153.5940, 25.8362, -26.8309



235.7520, 9.4893, -10.3065



176.9650, -3.9267, -47.3273



116.1610, 5.8366, -5.4032



0.0000, 0.0000, 0.0000



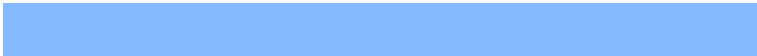
128.0000, 0.0000, 0.0000

Same Dimension

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



153.5940, 25.8362, -26.8309



178.0190, 37.9516, -39.4817



133.6580, 35.6646, -5.8391



95.4880, 3.2104, -3.0590



61.1880, 51.6723, -53.6619



14.3110, 11.6787, -12.5507

Inverse Universe

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



151.9210, 3.4899, 47.4273



175.5200, 5.1666, 69.7040



195.3420, -35.6646, 5.8391



95.4460, 0.2731, 5.7479



57.8420, 6.9799, 94.8546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 153.5940, 25.8362, -26.8309 looks on a white background.

Color Contrast Check

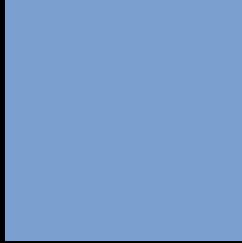
Large Text (above 18pt) WCAG AA × Fail

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 153.5940, 25.8362, -26.8309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

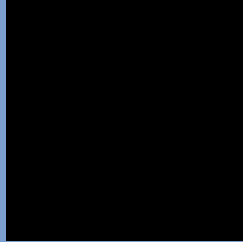
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

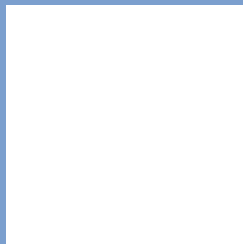
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.5940, 25.8362, -26.8309

Background



This preview shows how black text looks on a background with the YUV color 153.5940, 25.8362, -26.8309.

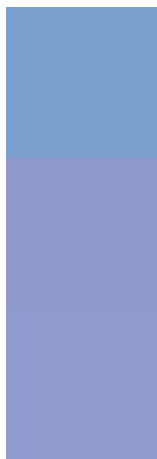


This preview shows how white text looks on a background with the YUV color 153.5940, 25.8362, -26.8309.

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

153.5940, 25.8362, -26.8309

Protanopia

156.1830, 22.5878, -11.5615

Deuteranopia

156.7530, 24.7718, -12.0614



Tritanopia

151.1300, 12.7539, -30.8090

Trichromacy



Original Color

153.5940, 25.8362, -26.8309

Protanomaly

155.3780, 23.4776, -16.9945

Deuteranomaly

155.8340, 25.2248, -17.3944

Tritanomaly

152.1070, 17.6952, -29.0348

Monochromacy



Original Color

153.5940, 25.8362, -26.8309

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0510, 9.3419, -9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5940, 25.8362, -26.8309 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(123, 159, 206)` looks like.

```
.text, #text, p{  
    color:rgb(123, 159, 206)  
}
```

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(123, 159, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 159, 206) }
```

Border

The CSS property to change the border of an element to YUV 153.5940, 25.8362, -26.8309 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(123, 159, 206) }
```


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

```
.border{ border-color:rgb(123, 159, 206) }
```

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

Here you see how a box with a 4 pixel rgb(123, 159, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 159, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 159, 206);  
box-shadow:4px 4px 4px 4px rgb(123, 159,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 153.5940, 25.8362, -26.8309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 159, 206) }
```

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

```
.background{ background-color: rgb(123,  
159, 206) }
```

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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