

Converting Colors

YUV(153.0050, 19.2245,
-6.1434)

Have a look what the booklet for
YUV(153.0050, 19.2245, -6.1434)
contains.

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Color

**YUV(153.0050, 19.2245,
-6.1434)**

Conversions

Conversions Part 1

Format	Color
Hex	9295C0
RGB	146, 149, 192
RGB Percent	57%, 58%, 75%
CMY	0.4275, 0.4157, 0.2471
CMYK	0.24, 0.22, 0.00, 0.25
HSL	236°, 27%, 66%
HSV	236°, 24%, 75%
XYZ	32.1159, 31.4117, 54.2395
YIQ	153.0050, -15.5910, 12.7370

Conversions

Conversions Part 2

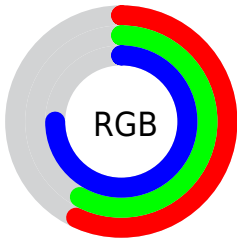
Format	Color
R _Y B	146, 149, 192
Decimal	9606592
CIE Lab	62.85, 8.37, -22.59
CIE LCh	63, 24.089, 290.329
Yxy	31.4117, 0.2727, 0.2667
Android (android.graphics.Color)	4287796672 (0xFF9295C0)
YUV	153.0050, 19.2245, -6.1434
Hunter-Lab	56.0461, 4.2047, -18.1466

Details

The YUV color $153.0050, 19.2245, -6.1434$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $184.9950, -19.2245, 6.1434$, and the grayscale version is $153.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $207.6460, 20.3875, -5.8285$, and $101.3640, 18.0615, -6.4582$ is the 20% darker color. If you saturate the color by 10%, you get $136.7580, 27.2343, -8.5578$, and if you desaturate by 10%, it is $169.2520, 11.2148, -3.7290$.

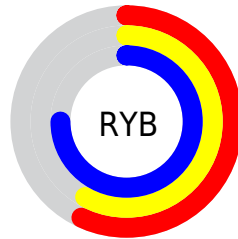
Distribution



Red (57%)

Green (58%)

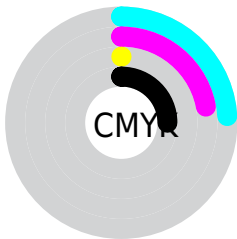
Blue (75%)



Red (57%)

Yellow (58%)

Blue (75%)

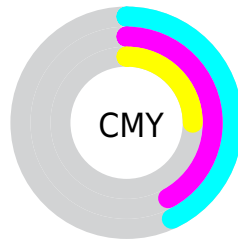


Cyan (24%)

Magenta (22%)

Yellow (0%)

Black (25%)



Cyan (43%)

Magenta (42%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.0050, 19.2245, -6.1434 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 153.0050, 19.2245, -6.1434 by changing the saturation by 10% instead.

■ 153.0050, 19.2245,
-6.1434

■ 153.0050, 19.2245,
-6.1434

255.0000, 0.0000,
0.0000

■ 126.8910, 18.7877,
-6.0434

■ 207.6460, 20.3875,
-5.8285

■ 101.3640, 18.0615,
-6.4582

■ 233.1380, 10.7780,
-3.6290

■ 77.8370, 17.3354,
-6.8730

■ 54.3100, 16.6092,
-7.2879

■ 32.1850, 16.1778,
-8.9322

■ 9.0110, 16.7566,
-7.9026

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 153.0050, 19.2245,
-6.1434

■ 153.0050, 19.2245,
-6.1434

■ 136.7580, 27.2343,
-8.5578

■ 169.2520, 11.2148,
-3.7290

■ 120.5110, 35.2441,
-10.9721

■ 185.4990, 3.2050,
-1.3146

■ 103.9650, 43.4013,
-14.0013

■ 202.0450, -4.9522,
1.7145

■ 87.7180, 51.4110,
-16.4157

■ 218.2920,
-12.9620, 4.1289

■ 71.4710, 59.4208,
-18.8301

■ 234.5390,
-20.9717, 6.5433

■ 55.2240, 67.4306,
-21.2444

■ 247.8180,
-27.5183, 6.2986

■ 38.9770, 75.4403,
-23.6588

■ 29.5190, 80.1031,
-25.8882

Harmonies

Analogous

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



148.3720, 22.4946, -28.3902



153.0050, 19.2245, -6.1434



155.6010, 12.0287, 15.2589

Triad

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



153.0050, 19.2245, -6.1434



153.2570, -16.3957, 32.2236



144.0790, -0.0389, -34.2723

Complementary

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



153.0050, 19.2245, -6.1434



184.9950, -19.2245, 6.1434

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.



146.9150, -11.2971, -16.5885



153.0050, 19.2245, -6.1434



151.4420, -20.4309, 19.7834

Square

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



153.0050, 19.2245, -6.1434



154.7550, -8.2602, 36.1719



149.2010, -18.3401, 2.4547



141.8030, 11.9291, -46.3082

Rectangle

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



153.0050, 19.2245, -6.1434



155.6580, 5.5916, 26.6099



149.2010, -18.3401, 2.4547



144.7870, -3.8390, -28.7542

Sweetspot

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



153.0050, 19.2245, -6.1434



235.2260, 7.2836, -2.8292



177.9040, 5.4703, -27.9798



116.7270, 4.0786, -1.5146



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



153.0050, 19.2245, -6.1434



188.2570, 30.4393, -9.8724



157.2240, 17.1446, 7.6966



88.7270, 4.0786, -1.5146



24.2240, 67.4306, -21.2444



4.9360, 13.8356, -4.3289

Inverse Universe

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



160.0960, -5.4703, 27.9798



199.3970, -8.5767, 44.3788



180.7760, -17.1446, -7.6966



90.1040, -1.0373, 6.0478



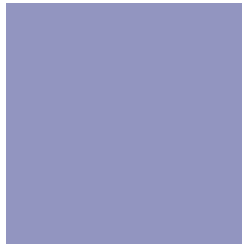
49.2790, -19.3645, 97.9793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 153.0050, 19.2245, -6.1434 looks on a white background.

Color Contrast Check

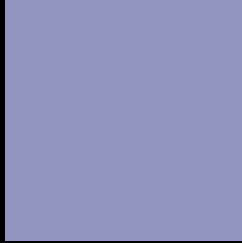
Large Text (above 18pt) WCAG AA × Fail

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 153.0050, 19.2245, -6.1434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

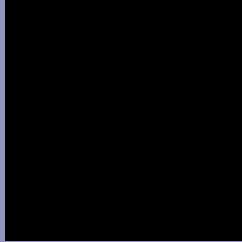
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.0050, 19.2245, -6.1434

Background



This preview shows how black text looks on a background with the YUV color 153.0050, 19.2245, -6.1434.



This preview shows how white text looks on a background with the YUV color 153.0050, 19.2245, -6.1434.

-6.1434.

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

153.0050, 19.2245, -6.1434

Protanopia

152.2110, 20.1090, -9.8320

Deuteranopia

153.0050, 19.2245, -6.1434



Tritanopia

151.4810, 7.1579, -9.1918

Trichromacy



Original Color

153.0050, 19.2245, -6.1434

Protanomaly

152.8090, 19.8142, -8.6025

Deuteranomaly

153.0050, 19.2245, -6.1434

Tritanomaly

151.9310, 11.3730, -7.8325

Monochromacy



Original Color

153.0050, 19.2245, -6.1434

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.1120, 6.8468, -2.7292

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.0050, 19.2245, -6.1434 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(146, 149, 192)` looks like.

```
.text, #text, p{  
    color:rgb(146, 149, 192)  
}
```

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(146, 149, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 149, 192) }
```

Border

The CSS property to change the border of an element to YUV 153.0050, 19.2245, -6.1434 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(146, 149, 192) }
```


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

```
.border{ border-color:rgb(146, 149, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 149, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 149, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 149, 192);  
box-shadow:4px 4px 4px 4px rgb(146, 149,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 153.0050, 19.2245, -6.1434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 149, 192) }
```

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

```
.background{ background-color: rgb(146,  
149, 192) }
```

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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