

Converting Colors

YUV(145.0070, 33.0275,
-0.0061)

Have a look what the booklet for
YUV(145.0070, 33.0275, -0.0061)
contains.

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Color

**YUV(145.0070, 33.0275,
-0.0061)**

Conversions

Conversions Part 1

Format	Color
Hex	9184D4
RGB	145, 132, 212
RGB Percent	57%, 52%, 83%
CMY	0.4314, 0.4824, 0.1686
CMYK	0.32, 0.38, 0.00, 0.17
HSL	250°, 48%, 67%
HSV	250°, 38%, 83%
XYZ	31.8120, 27.2757, 65.8754
YIQ	145.0070, -17.9320, 27.6360

Conversions

Conversions Part 2

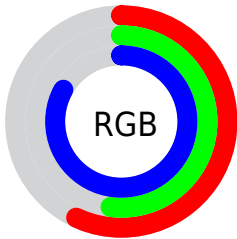
Format	Color
R _Y B	145, 132, 212
Decimal	9536724
CIE Lab	59.23, 22.89, -39.45
CIE LCh	59, 45.611, 300.125
Yxy	27.2757, 0.2546, 0.2183
Android (android.graphics.Color)	4287726804 (0xFF9184D4)
YUV	145.0070, 33.0275, -0.0061
Hunter-Lab	52.2262, 17.3320, -38.2270

Details

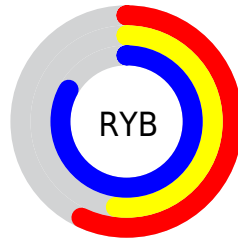
The YUV color $145.0070, 33.0275, -0.0061$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $198.9930, -33.0275, 0.0061$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $197.7640, 28.2173, 2.8380$, and $93.5400, 31.2858, -1.3506$ is the 20% darker color. If you saturate the color by 10%, you get $127.2980, 41.7581, -0.2613$, and if you desaturate by 10%, it is $162.7160, 24.2970, 0.2491$.

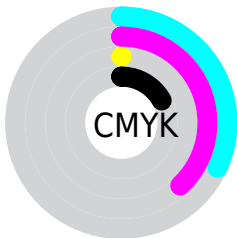
Distribution



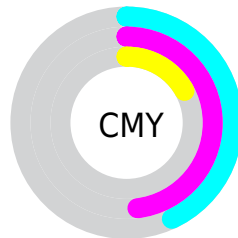
- Red (57%)
- Green (52%)
- Blue (83%)



- Red (57%)
- Yellow (52%)
- Blue (83%)



- Cyan (32%)
- Magenta (38%)
- Yellow (0%)
- Black (17%)



- Cyan (43%)
- Magenta (48%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0070, 33.0275, -0.0061 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 145.0070, 33.0275, -0.0061 by changing the saturation by 10% instead.

■ 145.0070, 33.0275,
-0.0061

■ 145.0070, 33.0275,
-0.0061

■ 255.0000, 0.0000,
0.0000

■ 119.0670, 32.0120,
-0.9358

■ 197.7640, 28.2173,
2.8380

■ 93.5400, 31.2858,
-1.3506

■ 222.5720, 15.9870,
5.6374

■ 69.3010, 30.4176,
-2.8950

■ 246.7820, 4.0515,
7.2072

■ 45.3500, 29.4075,
-5.5689

■ 20.5940, 29.2872,
-13.6759

■ 6.4980, 24.8975,
-5.6987

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 145.0070, 33.0275,
-0.0061

■ 145.0070, 33.0275,
-0.0061

■ 127.2980, 41.7581,
-0.2613

■ 162.7160, 24.2970,
0.2491

■ 109.5890, 50.4886,
-0.5166

■ 180.4250, 15.5665,
0.5043

■ 91.5920, 59.3611,
0.3578

■ 198.4220, 6.6940,
-0.3701

■ 73.8830, 68.0917,
0.1026

■ 216.1310, -2.0366,
-0.1149

■ 56.1740, 76.8222,
-0.1526

■ 233.8400,
-10.7671, 0.1403

■ 38.4650, 85.5528,
-0.4078

■ 249.2010,
-18.3401, 2.4547

■ 34.3340, 87.5893,
-0.2929

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



131.6300, 44.5524, -56.6805



145.0070, 33.0275, -0.0061



146.9490, 17.7731, 39.5097

Triad

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



145.0070, 33.0275, -0.0061



141.1870, -33.6162, 48.9480



111.7550, 14.4178, -98.0091

Complementary

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



145.0070, 33.0275, -0.0061



198.9930, -33.0275, 0.0061

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.



126.6740, -12.6573, -47.0721



145.0070, 33.0275, -0.0061



138.5400, -39.2132, 24.0824

Square

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



145.0070, 33.0275, -0.0061



142.8850, -18.6773, 64.1219



134.5790, -31.8374, -8.4008



115.8420, 32.6159, -101.5934

Rectangle

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



145.0070, 33.0275, -0.0061



145.3720, 6.2256, 56.6788



134.5790, -31.8374, -8.4008



109.6860, 9.0288, -96.1946

Sweetspot

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



145.0070, 33.0275, -0.0061



231.6870, 11.4933, 0.2745



181.0360, 15.2653, -43.0046



113.8350, 6.9833, 0.1447



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.



145.0070, 33.0275, -0.0061



158.7910, 47.4310, 0.1833



156.6680, 27.2787, 23.9702



97.8520, 4.5100, 0.1298



27.8660, 70.5651, 0.1175



6.9950, 17.7505, 0.0044

Inverse Universe

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



163.5580, 17.4729, 42.4836



185.3290, 24.9808, 61.1015



187.3320, -27.2787, -23.9702



100.3150, 2.3097, 5.8627



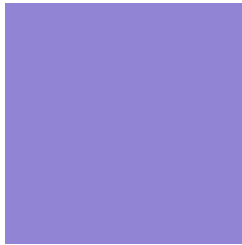
67.4310, 37.2555, 90.8300



16.9610, 9.3862, 22.8362

Previews

White Background



This preview shows how the YUV color 145.0070, 33.0275, -0.0061 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 145.0070, 33.0275, -0.0061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

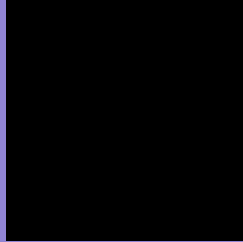
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.0070, 33.0275, -0.0061

Background



This preview shows how black text looks on a background with the YUV color 145.0070, 33.0275, -0.0061.



This preview shows how white text looks on a background with the YUV color 145.0070, 33.0275, -0.0061.

-0.0061.

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

145.0070, 33.0275, -0.0061

Protanopia

141.2320, 38.3396, -23.8825

Deuteranopia

141.3800, 33.8297, -24.0123



Tritanopia

141.9650, 6.4263, -7.8623

Trichromacy



Original Color

145.0070, 33.0275, -0.0061

Protanomaly

142.4180, 36.2759, -15.2756

Deuteranomaly

142.4350, 33.8025, -15.2905

Tritanomaly

143.2070, 16.1669, -5.4435

Monochromacy



Original Color

145.0070, 33.0275, -0.0061

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8010, 11.9301, 0.1745

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0070, 33.0275, -0.0061 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(145, 132, 212)` looks like.

```
.text, #text, p{  
    color:rgb(145, 132, 212)  
}
```

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(145, 132, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 132, 212) }
```

Border

The CSS property to change the border of an element to YUV 145.0070, 33.0275, -0.0061 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(145, 132, 212) }
```


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

```
.border{ border-color:rgb(145, 132, 212) }
```

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

Here you see how a box with a 4 pixel rgb(145, 132, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 132, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 132, 212);  
box-shadow:4px 4px 4px 4px rgb(145, 132,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 145.0070, 33.0275, -0.0061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 132, 212) }
```

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

```
.background{ background-color: rgb(145,  
132, 212) }
```

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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