

Converting Colors

YUV(147.6910, 35.6483,
-0.6060)

Have a look what the booklet for
YUV(147.6910, 35.6483, -0.6060)
contains.

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Color

**YUV(147.6910, 35.6483,
-0.6060)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9386DC |
| RGB | 147, 134, 220 |
| RGB Percent | 58%, 53%, 86% |
| CMY | 0.4235, 0.4745, 0.1373 |
| CMYK | 0.33, 0.39, 0.00, 0.14 |
| HSL | 249°, 55%, 69% |
| HSV | 249°, 39%, 86% |
| XYZ | 33.4760, 28.4205, 71.4315 |
| YIQ | 147.6910, -19.8580, 29.5020 |

Conversions

Conversions Part 2

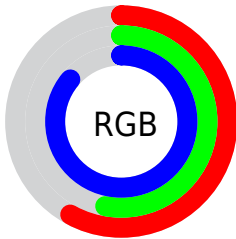
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 147, 134, 220 |
| Decimal | 9668316 |
| CIE _{Lab} | 60.27, 24.37, -42.29 |
| CIE _{LCh} | 60, 48.806, 299.951 |
| Yxy | 28.4205, 0.2511, 0.2132 |
| Android (android.graphics.Color) | 4287858396 (0xFF9386DC) |
| YUV | 147.6910, 35.6483, -0.6060 |
| Hunter-Lab | 53.3109, 18.7929, -42.1252 |

Details

The YUV color $147.6910, 35.6483, -0.6060$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $206.3090, -35.6483, 0.6060$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.5360, 27.3438, 3.0379$, and $95.8110, 33.6172, -2.4652$ is the 20% darker color. If you saturate the color by 10%, you get $129.0960, 44.8157, -0.9612$, and if you desaturate by 10%, it is $166.2860, 26.4810, -0.2508$.

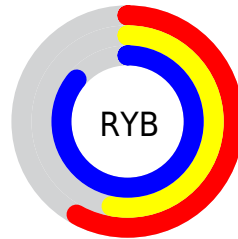
Distribution



Red (58%)

Green (53%)

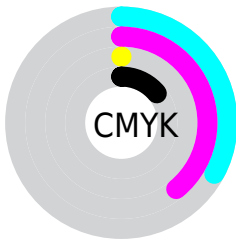
Blue (86%)



Red (58%)

Yellow (53%)

Blue (86%)

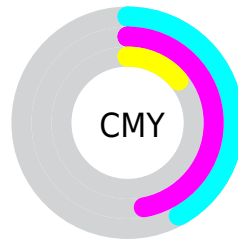


Cyan (33%)

Magenta (39%)

Yellow (0%)

Black (14%)



Cyan (42%)

Magenta (47%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.6910, 35.6483, -0.6060 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 147.6910, 35.6483, -0.6060 by changing the saturation by 10% instead.

■ 147.6910, 35.6483,
-0.6060

■ 147.6910, 35.6483,
-0.6060

255.0000, 0.0000,
0.0000

■ 121.7510, 34.6328,
-1.5356

■ 199.5360, 27.3438,
3.0379

■ 95.8110, 33.6172,
-2.4652

■ 224.6430, 14.9660,
6.4521

■ 71.2730, 32.8964,
-4.6244

■ 247.9560, 3.4727,
6.1776

■ 47.3220, 31.8863,
-7.2984

■ 21.6690, 32.2082,
-17.2497

■ 7.1820, 27.5183,
-6.2986

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 147.6910, 35.6483,
-0.6060

■ 147.6910, 35.6483,
-0.6060

■ 129.0960, 44.8157,
-0.9612

■ 166.2860, 26.4810,
-0.2508

■ 110.8000, 53.8356,
-0.7016

■ 184.5820, 17.4611,
-0.5104

■ 92.2050, 63.0029,
-1.0568

■ 203.1770, 8.2937,
-0.1552

■ 73.6100, 72.1703,
-1.4120

■ 221.7720, -0.8736,
0.2000

■ 55.3140, 81.1902,
-1.1524

■ 240.0680, -9.8935,
-0.0596

■ 36.7190, 90.3575,
-1.5076

■ 251.0100,
-15.2879, 3.4992

■ 34.9470, 91.2311,
-1.7075

Harmonies

Analogous

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



131.4270, 49.0895, -65.2725



147.6910, 35.6483, -0.6060



149.4270, 19.5095, 42.5985

Triad

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



147.6910, 35.6483, -0.6060



143.3400, -35.6636, 52.3218



114.4450, 14.5706, -100.3683

Complementary

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



147.6910, 35.6483, -0.6060



206.3090, -35.6483, 0.6060

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.



127.7120, -13.6620, -51.4904



147.6910, 35.6483, -0.6060



141.0410, -42.4182, 25.3970

Square

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



147.6910, 35.6483, -0.6060



144.9780, -19.7092, 68.4253



136.2970, -34.1634, -9.0305



118.7600, 33.6423, -104.1525

Rectangle

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



147.6910, 35.6483, -0.6060



147.9210, 6.9409, 60.5823



136.2970, -34.1634, -9.0305



112.1480, 8.3080, -98.3538

Sweetspot

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



147.6910, 35.6483, -0.6060



229.0290, 12.8037, -0.0254



186.6550, 16.4391, -46.1784



112.6500, 7.5676, -0.5700



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.



147.6910, 35.6483, -0.6060



154.0620, 49.7624, -0.9314



160.5480, 29.3098, 25.8294



100.5530, 4.6574, -0.4850



27.4960, 71.7335, -1.3120



7.3370, 19.0609, -0.2955

Inverse Universe

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



168.0360, 19.2093, 45.5724



182.5080, 26.8646, 63.5755



193.4520, -29.3098, -25.8294



103.3150, 2.3097, 5.8627



68.4850, 38.7079, 91.6597



18.2000, 10.2544, 24.3806

Previews

White Background



This preview shows how the YUV color 147.6910, 35.6483, -0.6060 looks on a white background.

Color Contrast Check

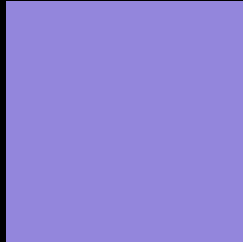
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.6910, 35.6483, -0.6060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

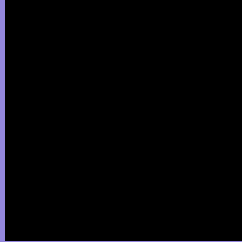
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.6910, 35.6483, -0.6060

Background



This preview shows how black text looks on a background with the YUV color 147.6910, 35.6483, -0.6060.



This preview shows how white text looks on a background with the YUV color 147.6910, 35.6483, -0.6060.

-0.6060.

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

147.6910, 35.6483, -0.6060

Protanopia

143.3180, 41.2552, -25.7119

Deuteranopia

143.4550, 36.7507, -27.5860



Tritanopia

144.4810, 7.1579, -9.1918

Trichromacy



Original Color

147.6910, 35.6483, -0.6060

Protanomaly

144.8030, 39.0441, -16.4902

Deuteranomaly

145.1080, 36.4288, -17.6347

Tritanomaly

145.5490, 17.4773, -5.7435

Monochromacy



Original Color

147.6910, 35.6483, -0.6060

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0290, 12.8037, -0.0254

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.6910, 35.6483, -0.6060 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(147, 134, 220)` looks like.

```
.text, #text, p{  
    color:rgb(147, 134, 220)  
}
```

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(147, 134, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 134, 220) }
```

Border

The CSS property to change the border of an element to YUV 147.6910, 35.6483, -0.6060 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(147, 134, 220) }
```


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

```
.border{ border-color:rgb(147, 134, 220) }
```

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

Here you see how a box with a 4 pixel rgb(147, 134, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 134, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 134, 220);  
box-shadow:4px 4px 4px 4px rgb(147, 134,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 147.6910, 35.6483, -0.6060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 134, 220) }
```

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

```
.background{ background-color: rgb(147,  
134, 220) }
```

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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