

Converting Colors

YUV(135.8060, 34.6056, 7.1861)

Have a look what the booklet for
YUV(135.8060, 34.6056, 7.1861)
contains.

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Color

**YUV(135.8060, 34.6056,
7.1861)**

Conversions

Conversions Part 1

Format	Color
Hex	9076CE
RGB	144, 118, 206
RGB Percent	56%, 46%, 81%
CMY	0.4353, 0.5373, 0.1922
CMYK	0.30, 0.43, 0.00, 0.19
HSL	258°, 47%, 64%
HSV	258°, 43%, 81%
XYZ	29.1206, 23.3424, 61.3632
YIQ	135.8060, -12.7520, 32.8800

Conversions

Conversions Part 2

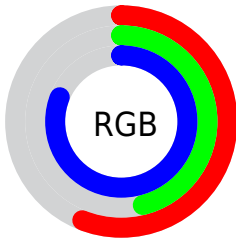
Format	Color
RYB	144, 118, 206
Decimal	9467598
CIELab	55.42, 29.21, -42.06
CIElCh	55, 51.208, 304.785
Yxy	23.3424, 0.2558, 0.2051
Android (android.graphics.Color)	4287657678 (0xFF9076CE)
YUV	135.8060, 34.6056, 7.1861
Hunter-Lab	48.3140, 23.0391, -41.4840

Details

The YUV color $135.8060, 34.6056, 7.1861$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $188.1940, -34.6056, -7.1861$, and the grayscale version is $135.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $188.6600, 32.7056, 9.9452$, and $84.9260, 32.5745, 5.3269$ is the 20% darker color. If you saturate the color by 10%, you get $118.9940, 42.8940, 8.7753$, and if you desaturate by 10%, it is $152.6180, 26.3173, 5.5970$.

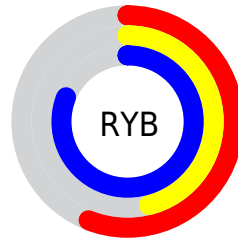
Distribution



Red (56%)

Green (46%)

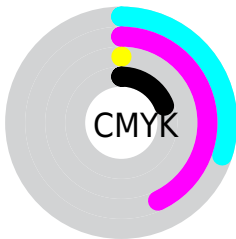
Blue (81%)



Red (56%)

Yellow (46%)

Blue (81%)

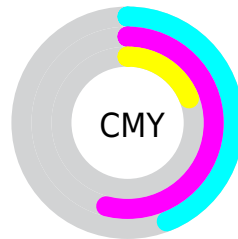


Cyan (30%)

Magenta (43%)

Yellow (0%)

Black (19%)



Cyan (44%)

Magenta (54%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8060, 34.6056, 7.1861 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 135.8060, 34.6056, 7.1861 by changing the saturation by 10% instead.

■ 135.8060, 34.6056,
7.1861

■ 135.8060, 34.6056,
7.1861

■ 255.0000, 0.0000,
0.0000

■ 109.8660, 33.5901,
6.2565

■ 188.6600, 32.7056,
9.9452

■ 84.9260, 32.5745,
5.3269

■ 213.4680, 20.4753,
12.7446

■ 60.3880, 31.8537,
3.1677

■ 237.9770, 8.3923,
14.9292

■ 37.3230, 30.4068,
0.5937

■ 11.8060, 31.1546,
-5.9689

■ 5.9280, 22.7135,
-5.1989

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 135.8060, 34.6056,
7.1861

■ 135.8060, 34.6056,
7.1861

■ 118.9940, 42.8940,
8.7753

■ 152.6180, 26.3173,
5.5970

■ 103.0680, 50.7455,
10.4644

■ 168.5440, 18.4658,
3.9079

■ 86.2560, 59.0338,
12.0535

■ 185.3560, 10.1775,
2.3188

■ 70.3300, 66.8853,
13.7426

■ 201.2820, 2.3260,
0.6297

■ 53.5180, 75.1736,
15.3317

■ 218.0940, -5.9623,
-0.9594

■ 41.7230, 80.9886,
16.9059

■ 234.6070,
-14.1033, -3.1633

■ 246.7230,
-20.0764, -0.6341

■ 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.



119.3890, 50.0942, -60.8542



135.8060, 34.6056, 7.1861



135.6020, 17.4512, 49.4610

Triad

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



135.8060, 34.6056, 7.1861



130.1070, -38.9998, 49.0182



106.2440, 16.1487, -93.1760

Complementary

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



135.8060, 34.6056, 7.1861



188.1940, -34.6056, -7.1861

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.



108.1980, -7.4926, -70.3336



135.8060, 34.6056, 7.1861



127.1390, -44.4385, 20.0491

Square

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



135.8060, 34.6056, 7.1861



130.8810, -22.6193, 68.5104



122.4810, -33.2681, -16.2078



110.5590, 35.2204, -96.9602

Rectangle

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



135.8060, 34.6056, 7.1861



133.2700, 4.3039, 66.4152



122.4810, -33.2681, -16.2078



104.4200, 9.1599, -91.5763

Sweetspot

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



135.8060, 34.6056, 7.1861



228.7520, 12.9403, 2.8485



165.0130, 20.2066, -41.2304



111.1880, 8.2883, 1.5891



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.



135.8060, 34.6056, 7.1861



151.1820, 51.1823, 10.3644



148.6630, 28.2671, 33.6215



94.0370, 3.9258, 0.8446



33.5750, 65.2855, 13.5277



7.6210, 14.9768, 2.9634

Inverse Universe

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



151.3800, 14.1097, 47.9017



174.3580, 21.0225, 70.7230



175.3370, -28.2671, -33.6215



95.7880, 1.5835, 5.4479



62.9720, 26.6358, 90.3556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 135.8060, 34.6056, 7.1861 looks on a white background.

Color Contrast Check

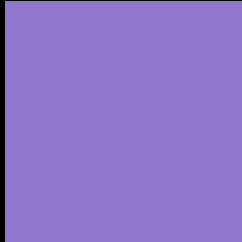
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8060, 34.6056, 7.1861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

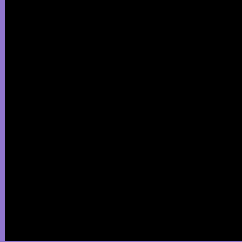
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.8060, 34.6056, 7.1861

Background



This preview shows how black text looks on a background with the YUV color 135.8060, 34.6056, 7.1861.



This preview shows how white text looks on a background with the YUV color 135.8060, 34.6056, 7.1861.

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

135.8060, 34.6056, 7.1861

Protanopia

130.3500, 42.7185, -28.3709

Deuteranopia

129.9280, 36.0245, -28.0009



Tritanopia

132.8410, 4.5154, -1.6146

Trichromacy



Original Color

135.8060, 34.6056, 7.1861

Protanomaly

132.6290, 39.6229, -15.4606

Deuteranomaly

132.1900, 35.4023, -15.0756

Tritanomaly

134.0230, 15.2717, 1.7338

Monochromacy



Original Color

135.8060, 34.6056, 7.1861

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.6380, 12.5035, 2.9485

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8060, 34.6056, 7.1861 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(144, 118, 206)` looks like.

```
.text, #text, p{  
    color:rgb(144, 118, 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(144, 118, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 118, 206) }
```

Border

The CSS property to change the border of an element to YUV 135.8060, 34.6056, 7.1861 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(144, 118, 206) }
```


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

```
.border{ border-color:rgb(144, 118, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 118, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 118, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 118, 206);  
box-shadow:4px 4px 4px 4px rgb(144, 118,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 135.8060, 34.6056, 7.1861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 118, 206) }
```

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

```
.background{ background-color: rgb(144,  
118, 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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