

Converting Colors

YUV(146.1930, 34.4149,
21.7557)

Have a look what the booklet for
YUV(146.1930, 34.4149, 21.7557)
contains.

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Color

**YUV(146.1930, 34.4149,
21.7557)**

Conversions

Conversions Part 1

Format	Color
Hex	AB78D8
RGB	171, 120, 216
RGB Percent	67%, 47%, 85%
CMY	0.3294, 0.5294, 0.1529
CMYK	0.21, 0.44, 0.00, 0.15
HSL	272°, 55%, 66%
HSV	272°, 44%, 85%
XYZ	35.9057, 27.0487, 68.2942
YIQ	146.1930, -0.4200, 40.6680

Conversions

Conversions Part 2

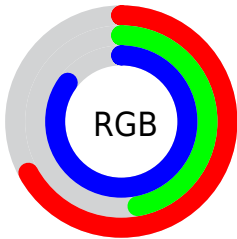
Format	Color
R_{YB}	171, 120, 216
Decimal	11237592
CIE _{Lab}	59.02, 38.09, -41.86
CIE _{LCh}	59, 56.592, 312.301
Yxy	27.0487, 0.2736, 0.2061
Android (android.graphics.Color)	4289427672 (0xFFAB78D8)
YUV	146.1930, 34.4149, 21.7557
Hunter-Lab	52.0084, 32.2187, -41.4501

Details

The YUV color **146.1930, 34.4149, 21.7557** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **189.8070, -34.4149, -21.7557**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.7930, 27.7101, 25.6145**, and **94.4270, 32.8205, 19.7965** is the 20% darker color. If you saturate the color by 10%, you get **130.2890, 42.2555, 26.9335**, and if you desaturate by 10%, it is **162.0970, 26.5742, 16.5779**.

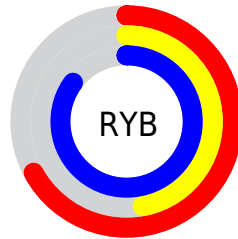
Distribution



Red (67%)

Green (47%)

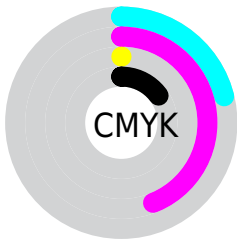
Blue (85%)



Red (67%)

Yellow (47%)

Blue (85%)

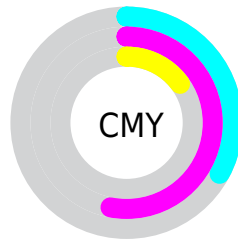


Cyan (21%)

Magenta (44%)

Yellow (0%)

Black (15%)



Cyan (33%)

Magenta (53%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.1930, 34.4149, 21.7557 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 146.1930, 34.4149, 21.7557 by changing the saturation by 10% instead.

■ 146.1930, 34.4149,
21.7557

■ 146.1930, 34.4149,
21.7557

255.0000, 0.0000,
0.0000

■ 119.9540, 33.5467,
20.2113

■ 198.7930, 27.7101,
25.6145

■ 94.4270, 32.8205,
19.7965

■ 223.3020, 15.6271,
27.7991

■ 69.1880, 31.9523,
18.2521

■ 239.7380, 7.5242,
13.3848

■ 44.3620, 31.3735,
17.2225

■ 20.9380, 31.0896,
14.9634

■ 11.9230, 23.7020,
4.4525

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 146.1930, 34.4149,
21.7557

■ 146.1930, 34.4149,
21.7557

■ 130.2890, 42.2555,
26.9335

■ 162.0970, 26.5742,
16.5779

■ 114.9720, 49.8068,
31.5966

■ 177.4140, 19.0229,
11.9149

■ 99.0680, 57.6475,
36.7744

■ 193.3180, 11.1822,
6.7371

■ 83.7510, 65.1988,
41.4374

■ 208.6350, 3.6309,
2.0741

67.5480, 73.1868,
46.0004

224.8380, -4.3571,
-2.4889

59.0090, 77.3966,
49.1041

240.7420,
-12.1978, -7.6667

246.6670,
-15.1188, -4.0930

249.6570,
-16.5929, 2.0548

250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



134.8300, 51.3558, -45.4549



146.1930, 34.4149, 21.7557



143.8920, 14.3502, 64.1157

Triad

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



146.1930, 34.4149, 21.7557



137.9190, -47.2881, 47.4290



115.9100, 22.7224, -101.6531

Complementary

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



146.1930, 34.4149, 21.7557



189.8070, -34.4149, -21.7557

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.



108.8080, 0.5877, -95.4246



146.1930, 34.4149, 21.7557



134.1290, -49.3636, 13.0419

Square

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



146.1930, 34.4149, 21.7557



139.1390, -30.6345, 72.6691



128.1480, -31.6250, -29.9478



119.9800, 43.3939, -105.2225

Rectangle

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



146.1930, 34.4149, 21.7557



140.7940, -0.3914, 79.1107



128.1480, -31.6250, -29.9478



113.8580, 14.8600, -99.8535

Sweetspot

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



146.1930, 34.4149, 21.7557



230.8450, 11.9084, 7.1519



157.9460, 28.6206, -33.2786



112.6830, 7.5513, 4.6630



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.



146.1930, 34.4149, 21.7557



156.9180, 48.3544, 30.7669



159.4200, 26.9079, 49.6207



99.0480, 3.9203, 2.5889



46.7030, 61.2784, 38.8485



11.7790, 15.3920, 9.8408

Inverse Universe

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



153.8340, 5.5048, 54.5196



167.5470, 7.6183, 76.6963



176.5800, -26.9079, -49.6207



99.8590, 0.5625, 6.2627



60.2490, 9.7372, 97.1286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 146.1930, 34.4149, 21.7557 looks on a white background.

Color Contrast Check

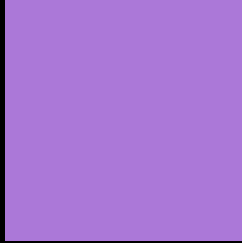
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.1930, 34.4149, 21.7557 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 146.1930, 34.4149, 21.7557

Background



This preview shows how black text looks on a background with the YUV color 146.1930, 34.4149, 21.7557.



This preview shows how white text looks on a background with the YUV color 146.1930, 34.4149, 21.7557.

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

146.1930, 34.4149, 21.7557

Protanopia

139.5500, 46.0709, -30.3003

Deuteranopia

140.1240, 35.4349, -25.5417



Tritanopia

144.0170, 0.9776, 13.1401

Trichromacy



Original Color

146.1930, 34.4149, 21.7557



Protanomaly

141.9330, 41.9380, -11.3422



Deuteranomaly

142.1200, 34.9438, -7.9982



Tritanomaly

144.5410, 13.0443, 16.1885

Monochromacy



Original Color

146.1930, 34.4149, 21.7557



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.2580, 12.1978, 7.6667

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.1930, 34.4149, 21.7557 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(171, 120, 216)` looks like.

```
.text, #text, p{  
    color:rgb(171, 120, 216)  
}
```

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(171, 120, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 120, 216) }
```

Border

The CSS property to change the border of an element to YUV 146.1930, 34.4149, 21.7557 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(171, 120, 216) }
```


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

```
.border{ border-color:rgb(171, 120, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 120, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 120, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 120, 216);  
box-shadow:4px 4px 4px 4px rgb(171, 120,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 146.1930, 34.4149, 21.7557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 120, 216) }
```

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

```
.background{ background-color: rgb(171,  
120, 216) }
```

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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