

Converting Colors

YUV(146.7040, 12.4709,
13.4146)

Have a look what the booklet for
YUV(146.7040, 12.4709, 13.4146)
contains.

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Color

**YUV(146.7040, 12.4709,
13.4146)**

Conversions

Conversions Part 1

Format	Color
Hex	A286AC
RGB	162, 134, 172
RGB Percent	64%, 53%, 67%
CMY	0.3647, 0.4745, 0.3255
CMYK	0.06, 0.22, 0.00, 0.33
HSL	284°, 19%, 60%
HSV	284°, 22%, 67%
XYZ	30.8718, 27.7101, 42.7512
YIQ	146.7040, 4.4900, 17.7540

Conversions

Conversions Part 2

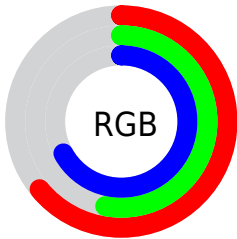
Format	Color
R_{YB}	162, 134, 172
Decimal	10651308
CIE _{Lab}	59.63, 17.72, -16.06
CIE _{LCh}	60, 23.919, 317.818
Yxy	27.7101, 0.3047, 0.2735
Android (android.graphics.Color)	4288841388 (0xFFA286AC)
YUV	146.7040, 12.4709, 13.4146
Hunter-Lab	52.6404, 12.5633, -11.3033

Details

The YUV color **146.7040, 12.4709, 13.4146** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159.2960, -12.4709, -13.4146**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5300, 13.0497, 14.4442**, and **95.8780, 11.8921, 12.3850** is the 20% darker color. If you saturate the color by 10%, you get **135.2300, 18.1276, 19.0923**, and if you desaturate by 10%, it is **158.1780, 6.8142, 7.7369**.

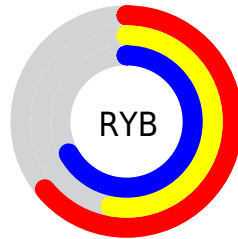
Distribution



Red (64%)

Green (53%)

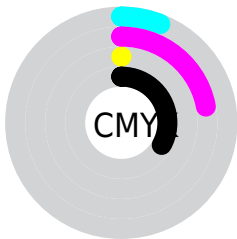
Blue (67%)



Red (64%)

Yellow (53%)

Blue (67%)

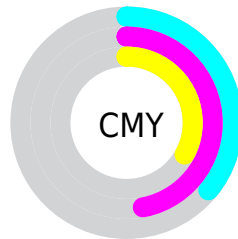


Cyan (6%)

Magenta (22%)

Yellow (0%)

Black (33%)



Cyan (36%)

Magenta (47%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.7040, 12.4709, 13.4146 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 146.7040, 12.4709, 13.4146 by changing the saturation by 10% instead.

■ 146.7040, 12.4709,
13.4146

■ 146.7040, 12.4709,
13.4146

■ 255.0000, 0.0000,
0.0000

■ 121.1770, 11.7447,
12.9998

■ 200.5300, 13.0497,
14.4442

■ 95.8780, 11.8921,
12.3850

■ 228.8290, 12.9023,
15.0590

■ 72.0520, 11.3134,
11.3554

■ 248.5430, 3.1833,
5.6628

■ 49.5250, 10.5872,
10.9406

■ 27.8130, 10.4452,
9.8110

■ 9.4710, 9.1348,
10.1109

■ 0.0000, 0.0000,

0.0000

■ 146.7040, 12.4709,
13.4146

■ 146.7040, 12.4709,
13.4146

■ 135.2300, 18.1276,
19.0923

■ 158.1780, 6.8142,
7.7369

■ 124.0550, 23.6369,
25.3848

■ 169.3530, 1.3050,
1.4444

■ 111.9940, 29.5830,
31.5773

■ 181.4140, -4.6411,
-4.7481

■ 100.8190, 35.0922,
37.8697

■ 192.5890,
-10.1504, -11.0406

■ 89.3450, 40.7489,
43.5474

■ 204.0630,
-15.8071, -16.7183

■ 78.1700, 46.2582,
49.8399

■ 215.2380,
-21.3163, -23.0107

■ 66.6960, 51.9149,
55.5176

■ 226.7120,
-26.9730, -28.6884

■ 57.5810, 56.4086,
60.8805

■ 228.4950,
-27.8520, -26.7441

■ 229.9900,
-28.5891, -23.6702

Harmonies

Analogous

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



143.9940, 19.2300, -7.8877



146.7040, 12.4709, 13.4146



146.9850, 2.9654, 28.9542

Triad

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



146.7040, 12.4709, 13.4146



143.2680, -19.8521, 20.8130



133.2870, 11.1975, -44.9787

Complementary

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



146.7040, 12.4709, 13.4146



159.2960, -12.4709, -13.4146

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.



135.5630, -0.7706, -32.9428



146.7040, 12.4709, 13.4146



141.0980, -18.7823, 4.2991

Square

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



146.7040, 12.4709, 13.4146



145.0720, -15.8115, 31.5089



138.8120, -11.7393, -14.7441



134.4640, 19.4912, -45.1339

Rectangle

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



146.7040, 12.4709, 13.4146



146.5960, -3.7448, 34.5573



138.8120, -11.7393, -14.7441



133.6850, 7.5503, -41.8197

Sweetspot

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



146.7040, 12.4709, 13.4146



213.9990, 4.9305, 5.2629



144.2020, 13.7044, -8.9472



106.1190, 2.8993, 3.4036



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



146.7040, 12.4709, 13.4146



183.9960, 19.7220, 21.0515



148.6680, 7.0657, 20.4622



80.8200, 3.0467, 2.7889



50.2890, 49.1575, 53.2435



7.7050, 7.5404, 8.1517

Inverse Universe

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



146.5020, -1.2335, 22.3617



183.7640, -1.8557, 35.2870



157.3320, -7.0657, -20.4622



80.9190, -0.4531, 5.3330



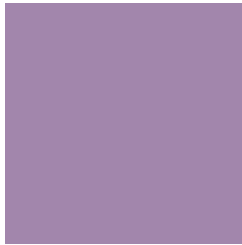
49.4100, -4.6391, 88.2174



7.5610, -0.7696, 13.5400

Previews

White Background



This preview shows how the YUV color 146.7040, 12.4709, 13.4146 looks on a white background.

Color Contrast Check

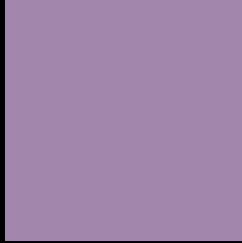
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.7040, 12.4709, 13.4146 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 146.7040, 12.4709, 13.4146

Background



This preview shows how black text looks on a background with the YUV color 146.7040, 12.4709, 13.4146.



This preview shows how white text looks on a background with the YUV color 146.7040, 12.4709, 13.4146.

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

146.7040, 12.4709, 13.4146

Protanopia

144.0110, 16.7566, -7.9026

Deuteranopia

145.0290, 12.8037, -0.0254



Tritanopia

145.5330, 1.7092, 11.8106

Trichromacy



Original Color

146.7040, 12.4709, 13.4146

Protanomaly

145.0120, 15.2771, -0.0105

Deuteranomaly

145.6490, 12.4980, 4.6928

Tritanomaly

146.1570, 5.3456, 12.1403

Monochromacy



Original Color

146.7040, 12.4709, 13.4146

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.5860, 4.6411, 4.7481

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.7040, 12.4709, 13.4146 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(162, 134, 172)` looks like.

```
.text, #text, p{  
    color:rgb(162, 134, 172)  
}
```

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(162, 134, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 134, 172) }
```

Border

The CSS property to change the border of an element to YUV 146.7040, 12.4709, 13.4146 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(162, 134, 172) }
```


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

```
.border{ border-color:rgb(162, 134, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 134, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 134, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 134, 172);  
box-shadow:4px 4px 4px 4px rgb(162, 134,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 146.7040, 12.4709, 13.4146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 134, 172) }
```

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

```
.background{ background-color: rgb(162,  
134, 172) }
```

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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