

Converting Colors

YUV(146.0170, 4.4286, 26.2951)

Have a look what the booklet for
YUV(146.0170, 4.4286, 26.2951)
contains.

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Color

**YUV(146.0170, 4.4286,
26.2951)**

Conversions

Conversions Part 1

Format	Color
Hex	B0819B
RGB	176, 129, 155
RGB Percent	69%, 51%, 61%
CMY	0.3098, 0.4941, 0.3922
CMYK	0.00, 0.27, 0.12, 0.31
HSL	327°, 23%, 60%
HSV	327°, 27%, 69%
XYZ	31.6711, 27.2972, 34.6100
YIQ	146.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

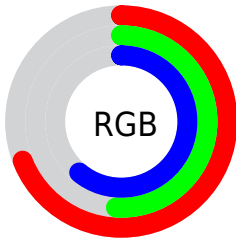
Format	Color
RYB	176, 129, 155
Decimal	11567515
CIELab	59.25, 22.29, -6.75
CIELCh	59, 23.294, 343.144
Yxy	27.2972, 0.3384, 0.2917
Android (android.graphics.Color)	4289757595 (0xFFB0819B)
YUV	146.0170, 4.4286, 26.2951
Hunter-Lab	52.2467, 16.7722, -2.7030

Details

The YUV color $146.0170, 4.4286, 26.2951$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $158.9830, -4.4286, -26.2951$, and the grayscale version is $146.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.0280, 4.4232, 28.0394$, and $95.0060, 4.4340, 24.5507$ is the 20% darker color. If you saturate the color by 10%, you get $134.5390, 6.1433, 36.3613$, and if you desaturate by 10%, it is $157.4950, 2.7140, 16.2289$.

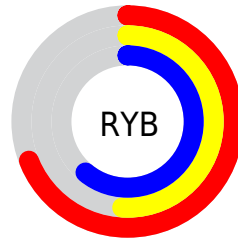
Distribution



Red (69%)

Green (51%)

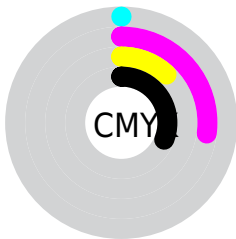
Blue (61%)



Red (69%)

Yellow (51%)

Blue (61%)

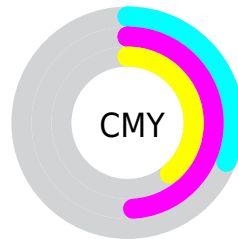


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (31%)



Cyan (31%)


Magenta (49%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0170, 4.4286, 26.2951 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 146.0170, 4.4286, 26.2951 by changing the saturation by 10% instead.

 146.0170, 4.4286,
26.2951

 146.0170, 4.4286,
26.2951

255.0000, 0.0000,
0.0000


 120.3050, 4.2866,
25.1655


 200.0280, 4.4232,
28.0394


 95.0060, 4.4340,
24.5507


 226.6470, 5.5970,
24.8656

 70.9950, 4.4395,
22.8064

 245.0210, 4.9196,
8.7516

 47.6960, 4.5869,
22.1916

 25.0980, 4.8817,
20.9621

 10.5660, 1.6930,
17.0436

 0.0000, 0.0000,

0.0000

■ 146.0170, 4.4286,
26.2951

■ 146.0170, 4.4286,
26.2951

■ 134.5390, 6.1433,
36.3613

■ 157.4950, 2.7140,
16.2289

■ 123.6480, 7.5685,
45.9127

■ 168.3860, 1.2887,
6.6775

■ 112.1700, 9.2832,
55.9789

■ 179.8640, -0.4260,
-3.3887

■ 101.3930, 11.1453,
65.4303

■ 190.6410, -2.2880,
-12.8402

■ 89.9150, 12.8599,
75.4965

■ 202.1190, -4.0027,
-22.9064

■ 78.4370, 14.5746,
85.5628

■ 213.5970, -5.7173,
-32.9726

■ 67.5460, 15.9998,
95.1142

■ 224.4880, -7.1426,
-42.5240

■ 63.6820, 16.4258,
98.5029

■ 227.1610, -4.5164,
-44.8682

■ 228.0730, -1.0220,
-45.6680

Harmonies

Analogous

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



145.3230, 13.6448, 10.2407



146.0170, 4.4286, 26.2951



145.4280, -5.6340, 33.8276

Triad

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



146.0170, 4.4286, 26.2951



140.5220, -18.4983, 6.5582



133.4210, 18.0334, -44.2192

Complementary

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



146.0170, 4.4286, 26.2951



158.9830, -4.4286, -26.2951

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.



132.7280, 9.0081, -42.7345



146.0170, 4.4286, 26.2951



138.1930, -12.9131, -11.5703

Square

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



146.0170, 4.4286, 26.2951



142.5070, -18.9840, 22.3574



135.1290, -2.5286, -29.0541



137.7090, 21.3425, -32.1938

Rectangle

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



146.0170, 4.4286, 26.2951



144.8210, -11.7438, 33.4830



135.1290, -2.5286, -29.0541



132.7260, 15.4181, -45.3637

Sweetspot

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



146.0170, 4.4286, 26.2951



217.8210, 1.5672, 10.6810



140.3380, 17.5814, 7.5966



107.3860, 1.2887, 6.6775



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



146.0170, 4.4286, 26.2951



182.8000, 7.0006, 41.3944



143.3950, -5.6177, 28.5946



83.2610, 0.8573, 5.0331



55.4370, 14.5746, 85.5628



9.3700, 2.2826, 14.5845

Inverse Universe

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



146.0170, 4.4286, 26.2951



182.8000, 7.0006, 41.3944



161.6050, 5.6177, -28.5946



83.2610, 0.8573, 5.0331



55.4370, 14.5746, 85.5628



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 146.0170, 4.4286, 26.2951 looks on a white background.

Color Contrast Check

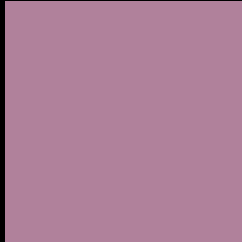
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.0170, 4.4286, 26.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

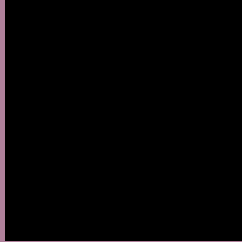
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.0170, 4.4286, 26.2951

Background



This preview shows how black text looks on a background with the YUV color 146.0170, 4.4286, 26.2951.



This preview shows how white text looks on a background with the YUV color 146.0170, 4.4286,

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

146.0170, 4.4286, 26.2951

Protanopia

143.4970, 9.6150, -3.9439

Deuteranopia

144.4830, 4.1989, 6.5924



Tritanopia

144.9970, -1.9705, 25.4356

Trichromacy



Original Color

146.0170, 4.4286, 26.2951

Protanomaly

144.1070, 7.8352, 6.9222

Deuteranomaly

144.9400, 4.4666, 14.0846

Tritanomaly

145.2790, 0.3555, 26.0653

Monochromacy



Original Color

146.0170, 4.4286, 26.2951

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1090, 1.4253, 9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0170, 4.4286, 26.2951 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(176, 129, 155)` looks like.

```
.text, #text, p{  
    color:rgb(176, 129, 155)  
}
```

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(176, 129, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 129, 155) }
```

Border

The CSS property to change the border of an element to YUV 146.0170, 4.4286, 26.2951 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(176, 129, 155) }
```


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

```
.border{ border-color:rgb(176, 129, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 129, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 129, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 129, 155);  
box-shadow:4px 4px 4px 4px rgb(176, 129,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 146.0170, 4.4286, 26.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 129, 155) }
```

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

```
.background{ background-color: rgb(176,  
129, 155) }
```

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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