

Converting Colors

YUV(145.2620, 2.8288, 26.0802)

Have a look what the booklet for
YUV(145.2620, 2.8288, 26.0802)
contains.

YUV(145.2620, 2.8288, 26.0802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(145.2620, 2.8288,
26.0802)**

Conversions

Conversions Part 1

Format	Color
Hex	AF8197
RGB	175, 129, 151
RGB Percent	69%, 51%, 59%
CMY	0.3137, 0.4941, 0.4078
CMYK	0.00, 0.26, 0.14, 0.31
HSL	331°, 22%, 60%
HSV	331°, 26%, 69%
XYZ	31.1154, 27.0488, 32.8591
YIQ	145.2620, 20.3540, 16.5940

Conversions

Conversions Part 2

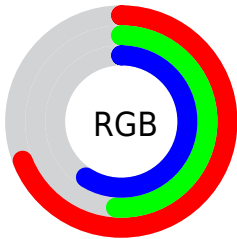
Format	Color
RYB	175, 129, 151
Decimal	11501975
CIELab	59.02, 21.24, -4.81
CIELCh	59, 21.778, 347.247
Yxy	27.0488, 0.3418, 0.2972
Android (android.graphics.Color)	4289692055 (0xFFAF8197)
YUV	145.2620, 2.8288, 26.0802
Hunter-Lab	52.0085, 15.7772, -1.0537

Details

The YUV color $145.2620, 2.8288, 26.0802$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $158.7380, -2.8288, -26.0802$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.2730, 2.8234, 27.8246$, and $94.2510, 2.8343, 24.3359$ is the 20% darker color. If you saturate the color by 10%, you get $133.6700, 4.1067, 36.2464$, and if you desaturate by 10%, it is $156.8540, 1.5510, 15.9140$.

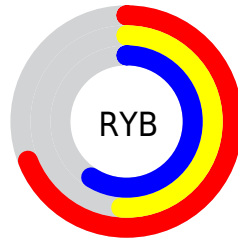
Distribution



Red (69%)

Green (51%)

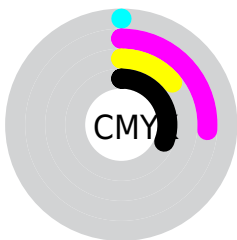
Blue (59%)



Red (69%)

Yellow (51%)

Blue (59%)

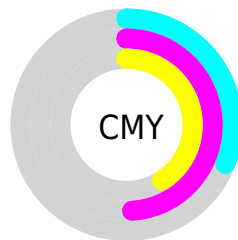


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (49%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.2620, 2.8288, 26.0802 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 145.2620, 2.8288, 26.0802 by changing the saturation by 10% instead.


 145.2620, 2.8288,
26.0802

 145.2620, 2.8288,
26.0802

255.0000, 0.0000,
0.0000


 119.5500, 2.6869,
24.9507

 199.2730, 2.8234,
27.8246

 94.2510, 2.8343,
24.3359


 226.0770, 3.4130,
25.3655

 70.2400, 2.8397,
22.5915

 245.0210, 4.9196,
8.7516

 47.0550, 3.4239,
21.8768

 25.0440, 3.4293,
20.1324

 9.5830, -0.7804,
17.0287

 0.0000, 0.0000,

0.0000

■ 145.2620, 2.8288,
26.0802

■ 145.2620, 2.8288,
26.0802

■ 133.6700, 4.1067,
36.2464

■ 156.8540, 1.5510,
15.9140

■ 122.6650, 5.0952,
45.8978

■ 167.8590, 0.5625,
6.2627

■ 111.0730, 6.3730,
56.0640

■ 179.4510, -0.7153,
-3.9035

■ 99.9540, 6.9247,
65.8153

■ 190.5700, -1.2670,
-13.6549

■ 88.3620, 8.2025,
75.9815

■ 202.1620, -2.5449,
-23.8211

■ 77.3570, 9.1910,
85.6329

■ 213.1670, -3.5333,
-33.4725

■ 65.7650, 10.4689,
95.7991

■ 224.1720, -4.5218,
-43.1238

■ 61.9010, 10.8948,
99.1878

■ 227.5460, -1.7482,
-46.0828

■ 228.5720, 2.1830,
-46.9826

Harmonies

Analogous

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



144.4650, 11.6028, 11.8702



145.2620, 2.8288, 26.0802



144.3030, -6.0654, 32.1833

Triad

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



145.2620, 2.8288, 26.0802



139.8530, -17.1825, 4.5139



134.5140, 17.0016, -39.9158

Complementary

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



145.2620, 2.8288, 26.0802



158.7380, -2.8288, -26.0802

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.



133.5650, 9.5815, -39.9605



145.2620, 2.8288, 26.0802



137.4640, -10.5818, -12.6849

Square

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



145.2620, 2.8288, 26.0802



142.0120, -18.2469, 19.2835



134.8840, -0.9288, -28.8393



138.4000, 20.0158, -26.6608

Rectangle

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



145.2620, 2.8288, 26.0802



143.5110, -11.5909, 31.1239



134.8840, -0.9288, -28.8393



133.6340, 14.9704, -41.7750

Sweetspot

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



145.2620, 2.8288, 26.0802



215.2940, 0.8411, 10.2662



141.4200, 16.5549, 10.1557



107.2720, 0.8519, 6.7775



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.



145.2620, 2.8288, 26.0802



179.8170, 4.5272, 41.3795



143.3410, -7.0701, 27.7649



81.1470, 0.4205, 5.1331



53.0580, 9.3384, 85.0181



8.1310, 1.4144, 13.0401

Inverse Universe

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



145.2620, 2.8288, 26.0802



179.8170, 4.5272, 41.3795



160.6590, 7.0701, -27.7649



81.1470, 0.4205, 5.1331



53.0580, 9.3384, 85.0181



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 145.2620, 2.8288, 26.0802 looks on a white background.

Color Contrast Check

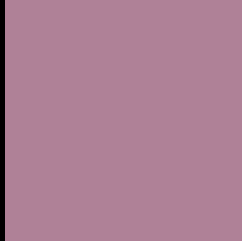
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.2620, 2.8288, 26.0802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

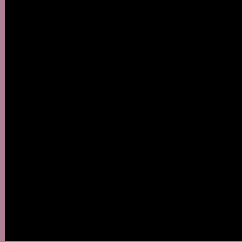
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.2620, 2.8288, 26.0802

Background



This preview shows how black text looks on a background with the YUV color 145.2620, 2.8288, 26.0802.



This preview shows how white text looks on a background with the YUV color 145.2620, 2.8288,

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

145.2620, 2.8288, 26.0802

Protanopia

142.7530, 8.0098, -2.4144

Deuteranopia

143.7390, 2.5937, 8.1219



Tritanopia

144.9970, -1.9705, 25.4356

Trichromacy



Original Color

145.2620, 2.8288, 26.0802

Protanomaly

143.9500, 5.9407, 7.9369

Deuteranomaly

144.4840, 2.7194, 14.4845

Tritanomaly

144.8660, 0.0661, 25.5505

Monochromacy



Original Color

145.2620, 2.8288, 26.0802

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9950, 0.9885, 9.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.2620, 2.8288, 26.0802 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(175, 129, 151)` looks like.

```
.text, #text, p{  
    color:rgb(175, 129, 151)  
}
```

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(175, 129, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 129, 151) }
```

Border

The CSS property to change the border of an element to YUV 145.2620, 2.8288, 26.0802 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(175, 129, 151) }
```


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

```
.border{ border-color:rgb(175, 129, 151) }
```

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

Here you see how a box with a 4 pixel rgb(175, 129, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 129, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 129, 151);  
box-shadow:4px 4px 4px 4px rgb(175, 129,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 145.2620, 2.8288, 26.0802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 129, 151) }
```

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

```
.background{ background-color: rgb(175,  
129, 151) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor