

Converting Colors

YUV(145.0280, 17.7342, 5.2374)

Have a look what the booklet for
YUV(145.0280, 17.7342, 5.2374)
contains.

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Color

**YUV(145.0280, 17.7342,
5.2374)**

Conversions

Conversions Part 1

Format	Color
Hex	9787B5
RGB	151, 135, 181
RGB Percent	59%, 53%, 71%
CMY	0.4078, 0.4706, 0.2902
CMYK	0.17, 0.25, 0.00, 0.29
HSL	261°, 24%, 62%
HSV	261°, 25%, 71%
XYZ	29.7670, 27.2435, 47.4057
YIQ	145.0280, -5.2300, 17.6980

Conversions

Conversions Part 2

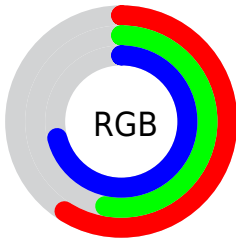
Format	Color
R_{YB}	151, 135, 181
Decimal	9930677
CIE _{Lab}	59.20, 15.42, -21.93
CIE _{LCh}	59, 26.806, 305.103
Yxy	27.2435, 0.2851, 0.2609
Android (android.graphics.Color)	4288120757 (0xFF9787B5)
YUV	145.0280, 17.7342, 5.2374
Hunter-Lab	52.1953, 10.4569, -17.3127

Details

The YUV color **145.0280, 17.7342, 5.2374** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **170.9720, -17.7342, -5.2374**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.9680, 18.7498, 6.1671**, and **94.0880, 16.7186, 4.3078** is the 20% darker color. If you saturate the color by 10%, you get **130.8740, 24.7121, 7.1265**, and if you desaturate by 10%, it is **159.1820, 10.7563, 3.3484**.

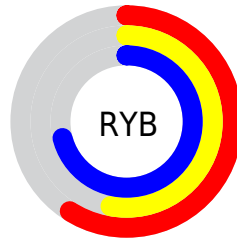
Distribution



Red (59%)

Green (53%)

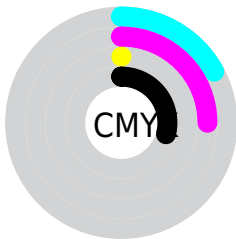
Blue (71%)



Red (59%)

Yellow (53%)

Blue (71%)

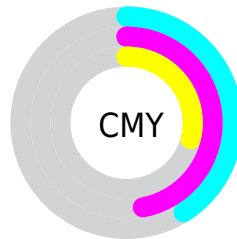


Cyan (17%)

Magenta (25%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.0280, 17.7342, 5.2374 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 145.0280, 17.7342, 5.2374 by changing the saturation by 10% instead.

■ 145.0280, 17.7342,
5.2374

■ 145.0280, 17.7342,
5.2374

255.0000, 0.0000,
0.0000

■ 119.5010, 17.0080,
4.8226

■ 198.9680, 18.7498,
6.1671

■ 94.0880, 16.7186,
4.3078

■ 225.8280, 14.3818,
7.1668

■ 70.5610, 15.9924,
3.8930

■ 249.1300, 2.8939,
5.1480

■ 48.0340, 15.2662,
3.4782

■ 26.2080, 14.6875,
2.4486

■ 5.6700, 13.9667,
0.2894

■ 0.9120, 3.4944,

-0.7998

0.0000, 0.0000,
0.0000

145.0280, 17.7342,
5.2374

145.0280, 17.7342,
5.2374

130.8740, 24.7121,
7.1265

159.1820, 10.7563,
3.3484

116.7200, 31.6900,
9.0156

173.3360, 3.7784,
1.4593

102.8650, 38.5206,
11.5194

187.1910, -3.0522,
-1.0445

88.7110, 45.4985,
13.4085

201.3450,
-10.0301, -2.9336

74.5570, 52.4764,
15.2975

216.0860,
-17.2974, -5.3374

■ 59.8160, 59.7437,
17.7014

■ 230.2400,
-24.2753, -7.2265

■ 45.6620, 66.7216,
19.5904

■ 240.2850,
-29.2275, -5.5119

■ 39.4710, 69.7738,
20.6349

■ 243.5740,
-30.8490, 1.2506

■ 246.5640,
-32.3231, 7.3984

Harmonies

Analogous

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



140.7690, 23.7779, -19.9684



145.0280, 17.7342, 5.2374



146.3420, 8.2124, 26.0101

Triad

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



145.0280, 17.7342, 5.2374



142.6820, -21.0422, 29.2199



131.2390, 7.2772, -47.5676

Complementary

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



145.0280, 17.7342, 5.2374



170.9720, -17.7342, -5.2374

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.



134.8040, -6.3124, -28.7691



145.0280, 17.7342, 5.2374



140.5290, -22.4458, 12.6911

Square

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



145.0280, 17.7342, 5.2374



144.6860, -13.6492, 37.9864



138.0750, -17.2920, -7.0818



129.3980, 19.5238, -55.6000

Rectangle

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



145.0280, 17.7342, 5.2374



145.7470, 0.6177, 35.3019



138.0750, -17.2920, -7.0818



131.8330, 3.0403, -41.9495

Sweetspot

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



145.0280, 17.7342, 5.2374



219.9600, 7.4147, 1.7891



158.4410, 11.1216, -20.5578



108.4500, 4.2152, 1.3594



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



145.0280, 17.7342, 5.2374



179.5690, 27.3275, 8.2710



151.6060, 14.4912, 18.7625



81.9230, 3.4890, 0.9445



33.2890, 59.0175, 17.2865



5.6550, 10.0301, 2.9336

Inverse Universe

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



152.1740, 6.3232, 25.2804



190.4730, 9.6268, 39.0502



164.3940, -14.4912, -18.7625



83.3750, 1.2941, 4.9331



57.1470, 21.1265, 84.0631



9.7120, 3.5930, 14.2846

Previews

White Background



This preview shows how the YUV color 145.0280, 17.7342, 5.2374 looks on a white background.

Color Contrast Check

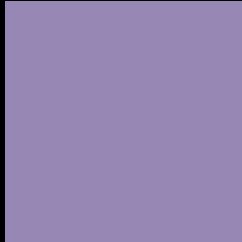
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.0280, 17.7342, 5.2374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

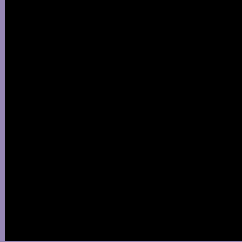
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.0280, 17.7342, 5.2374

Background



This preview shows how black text looks on a background with the YUV color 145.0280, 17.7342, 5.2374.



This preview shows how white text looks on a background with the YUV color 145.0280, 17.7342, 5.2374.

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

145.0280, 17.7342, 5.2374

Protanopia

143.0260, 20.6932, -10.5468

Deuteranopia

143.6630, 17.9141, -5.8435



Tritanopia

143.1620, 4.3571, 2.4889

Trichromacy



Original Color

145.0280, 17.7342, 5.2374

Protanomaly

143.8310, 19.8033, -5.1138

Deuteranomaly

143.9840, 17.7559, -1.7400

Tritanomaly

143.8400, 9.4459, 3.6483

Monochromacy



Original Color

145.0280, 17.7342, 5.2374

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.7320, 6.5411, 1.9890

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.0280, 17.7342, 5.2374 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(151, 135, 181)` looks like.

```
.text, #text, p{  
    color:rgb(151, 135, 181)  
}
```

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(151, 135, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 135, 181) }
```

Border

The CSS property to change the border of an element to YUV 145.0280, 17.7342, 5.2374 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(151, 135, 181) }
```


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

```
.border{ border-color:rgb(151, 135, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 135, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 135, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 135, 181);  
box-shadow:4px 4px 4px 4px rgb(151, 135,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 145.0280, 17.7342, 5.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 135, 181) }
```

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

```
.background{ background-color: rgb(151,  
135, 181) }
```

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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