

Converting Colors

YUV(144.4680, 20.4753,
12.7446)

Have a look what the booklet for
YUV(144.4680, 20.4753, 12.7446)
contains.

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Color

**YUV(144.4680, 20.4753,
12.7446)**

Conversions

Conversions Part 1

Format	Color
Hex	9F81BA
RGB	159, 129, 186
RGB Percent	62%, 51%, 73%
CMY	0.3765, 0.4941, 0.2706
CMYK	0.15, 0.31, 0.00, 0.27
HSL	272°, 29%, 62%
HSV	272°, 31%, 73%
XYZ	31.0113, 26.6166, 49.9574
YIQ	144.4680, -0.4170, 24.0870

Conversions

Conversions Part 2

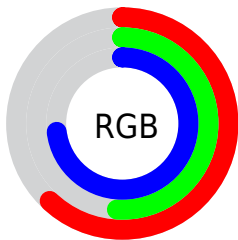
Format	Color
RYB	159, 129, 186
Decimal	10453434
CIELab	58.62, 22.59, -25.61
CIELCh	59, 34.144, 311.417
Yxy	26.6166, 0.2882, 0.2474
Android (android.graphics.Color)	4288643514 (0xFF9F81BA)
YUV	144.4680, 20.4753, 12.7446
Hunter-Lab	51.5913, 17.0107, -21.2984

Details

The YUV color **144.4680, 20.4753, 12.7446** is a light color, and the websafe version is hex **996699**. A complement of this color would be **170.5320, -20.4753, -12.7446**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4080, 21.4909, 13.6742**, and **93.5280, 19.4597, 11.8149** is the 20% darker color. If you saturate the color by 10%, you get **130.6240, 27.3004, 16.9928**, and if you desaturate by 10%, it is **158.3120, 13.6502, 8.4964**.

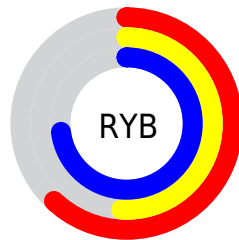
Distribution



Red (62%)

Green (51%)

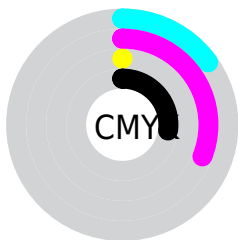
Blue (73%)



Red (62%)

Yellow (51%)

Blue (73%)

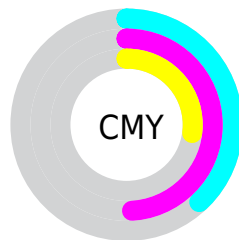


Cyan (15%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.4680, 20.4753, 12.7446 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 144.4680, 20.4753, 12.7446 by changing the saturation by 10% instead.

■ 144.4680, 20.4753,
12.7446

■ 144.4680, 20.4753,
12.7446

255.0000, 0.0000,
0.0000

■ 118.6420, 19.8965,
11.7150

■ 198.4080, 21.4909,
13.6742

■ 93.5280, 19.4597,
11.8149

■ 224.9970, 14.7915,
15.7886

■ 69.5880, 18.4441,
10.8853

■ 245.0210, 4.9196,
8.7516

■ 46.7620, 17.8653,
9.8557

■ 24.8220, 16.8498,
8.9261

■ 8.5180, 14.5346,
4.8077

■ 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 144.4680, 20.4753,
12.7446

■ 144.4680, 20.4753,
12.7446

■ 130.6240, 27.3004,
16.9928

■ 158.3120, 13.6502,
8.4964

■ 117.3670, 33.8361,
20.7261

■ 171.5690, 7.1145,
4.7630

■ 103.8220, 40.5138,
25.5891

■ 185.1140, 0.4368,
-0.1000

■ 90.5650, 47.0495,
29.3225

■ 198.3710, -6.0989,
-3.8334

■ 76.7210, 53.8745,
33.5707

■ 212.2150,
-12.9240, -8.0816

62.8770, 60.6996,
37.8189

226.0590,
-19.7491, -12.3297

50.5060, 66.7985,
41.6522

236.9680,
-25.1272, -14.0039

239.3600,
-26.3065, -9.0857

242.0510,
-27.6331, -3.5527

Harmonies

Analogous

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



139.5500, 29.3089, -20.6533



144.4680, 20.4753, 12.7446



144.7070, 8.0324, 37.0910

Triad

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



144.4680, 20.4753, 12.7446



140.2710, -27.7416, 31.3343



118.1580, 16.6841, -78.1916

Complementary

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



144.4680, 20.4753, 12.7446



170.5320, -20.4753, -12.7446

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.



128.6880, -3.7902, -44.4534



144.4680, 20.4753, 12.7446



137.7260, -27.9659, 9.8873

Square

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



144.4680, 20.4753, 12.7446



141.9490, -19.2019, 45.6487



134.1510, -19.3014, -15.9184



111.5050, 33.7680, -97.7899

Rectangle

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



144.4680, 20.4753, 12.7446



143.6560, -1.3094, 46.7827



134.1510, -19.3014, -15.9184



122.5850, 9.0786, -65.4110

Sweetspot

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



144.4680, 20.4753, 12.7446



226.0960, 7.8407, 5.1778



151.9340, 16.7945, -20.1131



112.5750, 4.6465, 3.0037



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



144.4680, 20.4753, 12.7446



177.1990, 31.9469, 19.9965



152.4270, 16.0585, 29.4435



85.2220, 3.3416, 1.5593



42.3020, 56.0531, 34.8151



7.6770, 10.0192, 6.4223

Inverse Universe

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



149.1210, 3.3913, 32.3429



184.3990, 5.2263, 50.5161



162.5730, -16.0585, -29.4435



86.1470, 0.4205, 5.1331



55.0800, 9.3276, 88.5068



9.8540, 1.5510, 15.9140

Previews

White Background



This preview shows how the YUV color 144.4680, 20.4753, 12.7446 looks on a white background.

Color Contrast Check

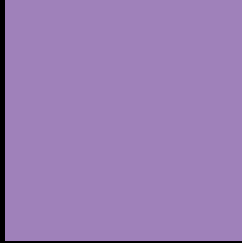
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.4680, 20.4753, 12.7446 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 144.4680, 20.4753, 12.7446

Background



This preview shows how black text looks on a background with the YUV color 144.4680, 20.4753, 12.7446.



This preview shows how white text looks on a background with the YUV color 144.4680, 20.4753,

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

144.4680, 20.4753, 12.7446

Protanopia

141.0840, 26.0876, -14.1057

Deuteranopia

142.0370, 20.6878, -8.8024



Tritanopia

142.9240, 2.0095, 8.8367

Trichromacy



Original Color

144.4680, 20.4753, 12.7446

Protanomaly

141.9820, 24.1659, -4.3692

Deuteranomaly

142.7930, 20.8081, -0.6955

Tritanomaly

143.3570, 8.6980, 10.2109

Monochromacy



Original Color

144.4680, 20.4753, 12.7446

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

144.2700, 7.2619, 4.1482

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.4680, 20.4753, 12.7446 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(159, 129, 186)` looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 186)  
}
```

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(159, 129, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 186) }
```

Border

The CSS property to change the border of an element to YUV 144.4680, 20.4753, 12.7446 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(159, 129, 186) }
```


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

```
.border{ border-color:rgb(159, 129, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 129, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 129, 186);  
box-shadow:4px 4px 4px 4px rgb(159, 129,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 144.4680, 20.4753, 12.7446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 186) }
```

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

```
.background{ background-color: rgb(159,  
129, 186) }
```

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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