

Converting Colors

YUV(132.7840, 17.8545,
13.3444)

Have a look what the booklet for
YUV(132.7840, 17.8545, 13.3444)
contains.

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Color

**YUV(132.7840, 17.8545,
13.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	9476A9
RGB	148, 118, 169
RGB Percent	58%, 46%, 66%
CMY	0.4196, 0.5373, 0.3373
CMYK	0.12, 0.30, 0.00, 0.34
HSL	275°, 23%, 56%
HSV	275°, 30%, 66%
XYZ	25.8526, 22.1173, 40.4426
YIQ	132.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

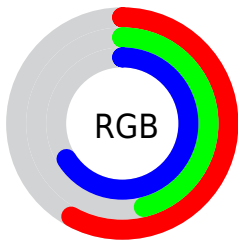
Format	Color
R_{YB}	148, 118, 169
Decimal	9729705
CIE _{Lab}	54.15, 21.58, -22.82
CIE _{LCh}	54, 31.407, 313.411
Yxy	22.1173, 0.2924, 0.2502
Android (android.graphics.Color)	4287919785 (0xFF9476A9)
YUV	132.7840, 17.8545, 13.3444
Hunter-Lab	47.0291, 15.8233, -18.0660

Details

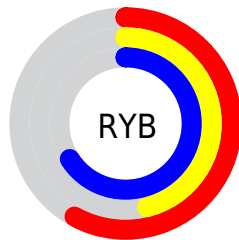
The YUV color **132.7840, 17.8545, 13.3444** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **154.2160, -17.8545, -13.3444**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0230, 18.7227, 14.8888**, and **82.8440, 16.8389, 12.4148** is the 20% darker color. If you saturate the color by 10%, you get **120.7120, 23.8060, 17.7926**, and if you desaturate by 10%, it is **144.8560, 11.9030, 8.8963**.

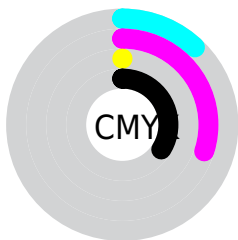
Distribution



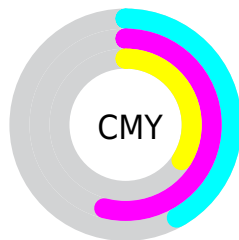
- Red (58%)
- Green (46%)
- Blue (66%)



- Red (58%)
- Yellow (46%)
- Blue (66%)



- Cyan (12%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.7840, 17.8545, 13.3444 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 132.7840, 17.8545, 13.3444 by changing the saturation by 10% instead.

■ 132.7840, 17.8545,
13.3444

■ 132.7840, 17.8545,
13.3444

255.0000, 0.0000,
0.0000

■ 107.2570, 17.1283,
12.9296

■ 186.0230, 18.7227,
14.8888

■ 82.8440, 16.8389,
12.4148

■ 214.1370, 19.1595,
14.7889

■ 59.0180, 16.2601,
11.3852

■ 237.9770, 8.3923,
14.9292

■ 37.0780, 15.2445,
10.4556

■ 14.2030, 15.6759,
12.1000

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 132.7840, 17.8545,
13.3444

■ 132.7840, 17.8545,
13.3444

■ 120.7120, 23.8060,
17.7926

■ 144.8560, 11.9030,
8.8963

■ 108.6400, 29.7575,
22.2407

■ 156.9280, 5.9515,
4.4481

■ 96.5680, 35.7090,
26.6889

■ 169.0000, 0.0000,
0.0000

■ 84.4960, 41.6605,
31.1370

■ 181.0720, -5.9515,
-4.4481

■ 72.4240, 47.6120,
35.5852

■ 192.5570,
-11.6136, -8.3815

■ 60.9390, 53.2741,
39.5185

■ 204.6290,
-17.5651, -12.8296

■ 48.8670, 59.2256,
43.9666

■ 216.7010,
-23.5166, -17.2778

■ 228.7730,
-29.4681, -21.7259

■ 232.0400,
-31.0787, -18.4521

Harmonies

Analogous

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



128.7740, 26.2404, -16.4648



132.7840, 17.8545, 13.3444



132.9410, 6.4381, 35.1317

Triad

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



132.7840, 17.8545, 13.3444



128.9330, -25.1100, 27.2458



108.9740, 15.7888, -71.0142

Complementary

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



132.7840, 17.8545, 13.3444



154.2160, -17.8545, -13.3444

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.



117.7530, -2.3432, -41.8794



132.7840, 17.8545, 13.3444



126.5130, -24.9029, 7.4431

Square

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



132.7840, 17.8545, 13.3444



130.4430, -18.4594, 40.8305



123.1340, -16.8281, -15.9035



104.0720, 30.5305, -86.0091

Rectangle

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



132.7840, 17.8545, 13.3444



131.9930, -2.4615, 42.9791



123.1340, -16.8281, -15.9035



112.7320, 9.4991, -60.2780

Sweetspot

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



132.7840, 17.8545, 13.3444



205.4550, 6.6777, 4.8630



136.1410, 16.1995, -15.9097



101.4610, 4.2097, 3.1037



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



132.7840, 17.8545, 13.3444



163.0590, 27.5789, 20.9963



138.6070, 13.0117, 26.6547



78.4070, 2.7573, 2.2741



42.8850, 51.8217, 38.6889



5.8680, 6.9671, 5.3778

Inverse Universe

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



135.6430, 1.6550, 29.2541



167.3830, 2.7692, 45.2681



148.3930, -13.0117, -26.6547



78.7340, 0.1311, 4.6183



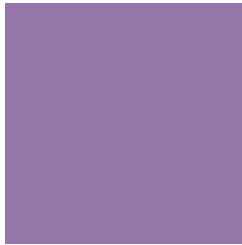
51.2060, 4.8284, 84.8883



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 132.7840, 17.8545, 13.3444 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 132.7840, 17.8545, 13.3444 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 132.7840, 17.8545, 13.3444

Background



This preview shows how black text looks on a background with the YUV color 132.7840, 17.8545, 13.3444.



This preview shows how white text looks on a background with the YUV color 132.7840, 17.8545, 13.3444.

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

132.7840, 17.8545, 13.3444

Protanopia

129.8840, 22.7352, -12.1763

Deuteranopia

130.0650, 18.2090, -7.0730



Tritanopia

131.4080, 1.2779, 10.1662

Trichromacy



Original Color

132.7840, 17.8545, 13.3444

Protanomaly

130.7820, 20.8135, -2.4398

Deuteranomaly

131.1090, 18.1873, -0.0956

Tritanomaly

131.7270, 7.5296, 11.6404

Monochromacy



Original Color

132.7840, 17.8545, 13.3444

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0420, 6.3883, 4.3482

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.7840, 17.8545, 13.3444 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(148, 118, 169)` looks like.

```
.text, #text, p{  
    color:rgb(148, 118, 169)  
}
```

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(148, 118, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 118, 169) }
```

Border

The CSS property to change the border of an element to YUV 132.7840, 17.8545, 13.3444 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(148, 118, 169) }
```


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

```
.border{ border-color:rgb(148, 118, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 118, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 118, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 118, 169);  
box-shadow:4px 4px 4px 4px rgb(148, 118,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 132.7840, 17.8545, 13.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 118, 169) }
```

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

```
.background{ background-color: rgb(148,  
118, 169) }
```

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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