

Converting Colors

YUV(133.2360, 12.2087, 4.1780)

Have a look what the booklet for
YUV(133.2360, 12.2087, 4.1780)
contains.

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Color

**YUV(133.2360, 12.2087,
4.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7E9E
RGB	138, 126, 158
RGB Percent	54%, 49%, 62%
CMY	0.4588, 0.5059, 0.3804
CMYK	0.13, 0.20, 0.00, 0.38
HSL	262°, 14%, 56%
HSV	262°, 20%, 62%
XYZ	24.1136, 22.7936, 35.4764
YIQ	133.2360, -3.1200, 12.4960

Conversions

Conversions Part 2

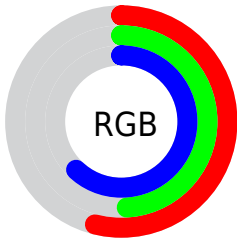
Format	Color
R_{YB}	138, 126, 158
Decimal	9076382
CIE _{Lab}	54.86, 11.10, -15.45
CIE _{LCh}	55, 19.026, 305.693
Yxy	22.7936, 0.2927, 0.2767
Android (android.graphics.Color)	4287266462 (0xFF8A7E9E)
YUV	133.2360, 12.2087, 4.1780
Hunter-Lab	47.7426, 6.6063, -10.6371

Details

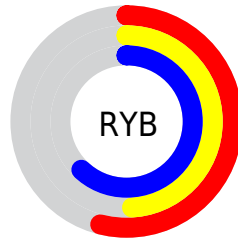
The YUV color $133.2360, 12.2087, 4.1780$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $150.7640, -12.2087, -4.1780$, and the grayscale version is $133.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $186.7630, 12.9348, 4.5928$, and $83.7090, 11.4825, 3.7632$ is the 20% darker color. If you saturate the color by 10%, you get $120.8540, 18.3130, 6.2670$, and if you desaturate by 10%, it is $145.6180, 6.1043, 2.0890$.

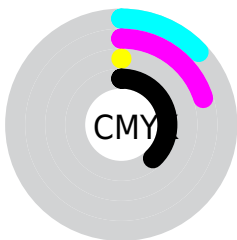
Distribution



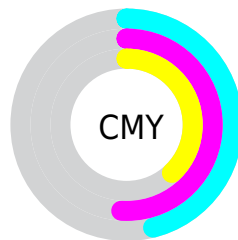
- Red (54%)
- Green (49%)
- Blue (62%)



- Red (54%)
- Yellow (49%)
- Blue (62%)



- Cyan (13%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (46%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2360, 12.2087, 4.1780 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 133.2360, 12.2087, 4.1780 by changing the saturation by 10% instead.

■ 133.2360, 12.2087,
4.1780

■ 133.2360, 12.2087,
4.1780

■ 255.0000, 0.0000,
0.0000

■ 107.8230, 11.9193,
3.6632

■ 186.7630, 12.9348,
4.5928

■ 83.7090, 11.4825,
3.7632

■ 214.1760, 13.2242,
5.1076

■ 60.1820, 10.7563,
3.3484

■ 240.5800, 7.1091,
6.5073

■ 38.6550, 10.0301,
2.9336

■ 17.2530, 9.7353,
4.1631

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 133.2360, 12.2087,
4.1780

■ 133.2360, 12.2087,
4.1780

■ 120.8540, 18.3130,
6.2670

■ 145.6180, 6.1043,
2.0890

■ 108.4720, 24.4173,
8.3561

■ 158.0000, 0.0000,
0.0000

■ 96.6770, 30.2322,
9.9303

■ 169.7950, -5.8149,
-1.5742

■ 84.5940, 36.1892,
12.6341

■ 182.1770,
-11.9193, -3.6632

■ 72.2120, 42.2935,
14.7231

■ 194.2600,
-17.8762, -6.3670

■ 59.8300, 48.3978,
16.8121

■ 206.6420,
-23.9805, -8.4560

47.4480, 54.5021,
18.9011

219.0240,
-30.0848, -10.5450

35.6530, 60.3171,
20.4753

230.8190,
-35.8998, -12.1193

235.5700,
-38.2420, -7.5159

Harmonies

Analogous

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



130.8640, 16.3360, -13.0357



133.2360, 12.2087, 4.1780



133.9020, 5.4713, 18.5029

Triad

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



133.2360, 12.2087, 4.1780



131.9350, -14.7580, 20.2280



124.6540, 4.6076, -31.2686

Complementary

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



133.2360, 12.2087, 4.1780



150.7640, -12.2087, -4.1780

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.



126.0270, -4.4503, -19.3177



133.2360, 12.2087, 4.1780



130.0430, -15.3042, 8.7323

Square

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



133.2360, 12.2087, 4.1780



132.9450, -9.8329, 27.2352



128.1660, -11.9138, -5.4076



124.6950, 12.4754, -34.8125

Rectangle

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



133.2360, 12.2087, 4.1780



134.1540, -0.0759, 24.4209



128.1660, -11.9138, -5.4076



125.1660, 1.3972, -28.2096

Sweetspot

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



133.2360, 12.2087, 4.1780



196.9770, 4.9413, 1.7742



141.3880, 8.1897, -13.4953



98.8090, 3.0522, 1.0445



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



133.2360, 12.2087, 4.1780



168.3810, 19.0392, 6.6819



138.0200, 9.8501, 14.0145



72.8090, 3.0522, 1.0445



32.4480, 54.5021, 18.9011



3.5040, 5.6675, 2.1890

Inverse Universe

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



137.8480, 4.0189, 17.6733



175.4840, 6.1704, 27.6395



145.9800, -9.8501, -14.0145



73.9620, 1.0047, 4.4183



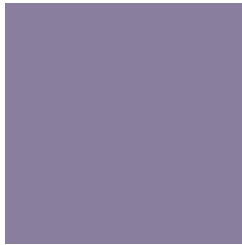
52.9030, 17.7958, 79.0151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 133.2360, 12.2087, 4.1780 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 133.2360, 12.2087, 4.1780 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 133.2360, 12.2087, 4.1780

Background



This preview shows how black text looks on a background with the YUV color 133.2360, 12.2087, 4.1780.



This preview shows how white text looks on a background with the YUV color 133.2360, 12.2087,

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

133.2360, 12.2087, 4.1780

Protanopia

131.7400, 14.4252, -6.7880

Deuteranopia

132.3170, 12.6617, -1.1550



Tritanopia

131.9340, 3.4835, 2.6889

Trichromacy



Original Color

133.2360, 12.2087, 4.1780

Protanomaly

132.5340, 13.5407, -3.0993

Deuteranomaly

132.6270, 12.5089, 1.2041

Tritanomaly

132.4440, 6.6831, 3.1186

Monochromacy



Original Color

133.2360, 12.2087, 4.1780

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2360, 12.2087, 4.1780 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(138, 126, 158)` looks like.

```
.text, #text, p{  
    color:rgb(138, 126, 158)  
}
```

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(138, 126, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 126, 158) }
```

Border

The CSS property to change the border of an element to YUV 133.2360, 12.2087, 4.1780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

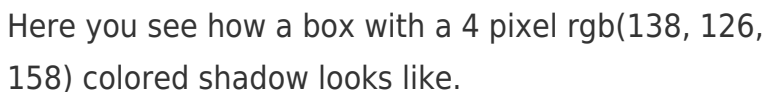
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 126, 158) }
```


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

```
.border{ border-color:rgb(138, 126, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 126, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 126, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 126, 158);  
box-shadow:4px 4px 4px 4px rgb(138, 126,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 133.2360, 12.2087, 4.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 126, 158) }
```

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

```
.background{ background-color: rgb(138,  
126, 158) }
```

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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