

Converting Colors

YUV(135.1980, 33.4264,
12.1044)

Have a look what the booklet for
YUV(135.1980, 33.4264, 12.1044)
contains.

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Color

**YUV(135.1980, 33.4264,
12.1044)**

Conversions

Conversions Part 1

Format	Color
Hex	9573CB
RGB	149, 115, 203
RGB Percent	58%, 45%, 80%
CMY	0.4157, 0.5490, 0.2039
CMYK	0.27, 0.43, 0.00, 0.20
HSL	263°, 46%, 62%
HSV	263°, 43%, 80%
XYZ	29.3047, 22.9628, 59.3877
YIQ	135.1980, -7.9840, 34.5760

Conversions

Conversions Part 2

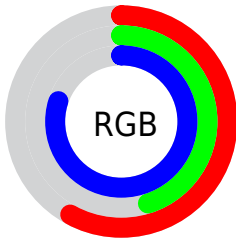
Format	Color
R_{YB}	149, 115, 203
Decimal	9794507
CIE _{Lab}	55.03, 31.60, -40.94
CIE _{LCh}	55, 51.714, 307.666
Yxy	22.9628, 0.2625, 0.2057
Android (android.graphics.Color)	4287984587 (0xFF9573CB)
YUV	135.1980, 33.4264, 12.1044
Hunter-Lab	47.9195, 25.3004, -39.9356

Details

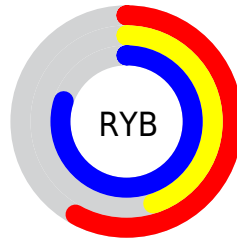
The YUV color **135.1980, 33.4264, 12.1044** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **182.8020, -33.4264, -12.1044**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.3940, 32.8368, 14.5635**, and **84.3180, 31.3952, 10.2451** is the 20% darker color. If you saturate the color by 10%, you get **119.8700, 40.9831, 15.0230**, and if you desaturate by 10%, it is **150.5260, 25.8697, 9.1857**.

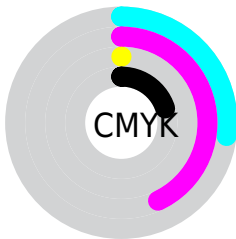
Distribution



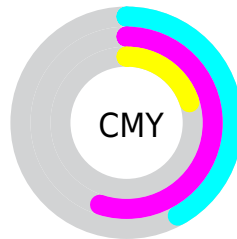
- Red (58%)
- Green (45%)
- Blue (80%)



- Red (58%)
- Yellow (45%)
- Blue (80%)



- Cyan (27%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (42%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.1980, 33.4264, 12.1044 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 135.1980, 33.4264, 12.1044 by changing the saturation by 10% instead.

■ 135.1980, 33.4264,
12.1044

■ 135.1980, 33.4264,
12.1044

255.0000, 0.0000,
0.0000

■ 109.2580, 32.4108,
11.1747

■ 188.3940, 32.8368,
14.5635

■ 84.3180, 31.3952,
10.2451

■ 213.5010, 20.4590,
17.9776

■ 60.0790, 30.5271,
8.7007

■ 236.2160, 9.2605,
16.4736

■ 36.5410, 29.8063,
6.5415

■ 253.2390, 0.8682,
1.5444

■ 13.1060, 29.5277,
2.5380

■ 5.5860, 21.4031,
-4.8989

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 135.1980, 33.4264,
12.1044

■ 135.1980, 33.4264,
12.1044

■ 119.8700, 40.9831,
15.0230

■ 150.5260, 25.8697,
9.1857

■ 103.6560, 48.9766,
17.8417

■ 166.7400, 17.8762,
6.3670

■ 88.3280, 56.5333,
20.7603

■ 182.0680, 10.3195,
3.4484

■ 72.7010, 64.2374,
23.0642

■ 197.6950, 2.6154,
1.1445

■ 56.7860, 72.0835,
26.4977

■ 213.6100, -5.2307,
-2.2890

46.4640, 77.1722,
27.6571

229.2370,
-12.9348, -4.5928

243.3910,
-19.9128, -6.4819

247.2780,
-21.8291, 1.5102

249.0720,
-22.7135, 5.1989

Harmonies

Analogous

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



121.5040, 49.0515, -53.0620



135.1980, 33.4264, 12.1044



134.2820, 16.1300, 53.2497

Triad

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



135.1980, 33.4264, 12.1044



128.6400, -40.7415, 47.6737



106.5860, 17.4591, -93.4759

Complementary

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



135.1980, 33.4264, 12.1044



182.8020, -33.4264, -12.1044

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.



99.5810, -1.7654, -87.3325



135.1980, 33.4264, 12.1044



125.4160, -44.5751, 17.1752

Square

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



135.1980, 33.4264, 12.1044



129.5990, -24.9453, 67.8807



120.5020, -31.7995, -20.6113



110.3140, 36.8202, -96.7454

Rectangle

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



135.1980, 33.4264, 12.1044



131.8250, 2.5513, 68.5595



120.5020, -31.7995, -20.6113



104.2890, 11.1965, -91.4615

Sweetspot

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



135.1980, 33.4264, 12.1044



229.6490, 12.4980, 4.6928



156.7300, 22.8111, -36.5972



111.7860, 7.9935, 2.8187



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



135.1980, 33.4264, 12.1044



152.7100, 50.4290, 18.6713



148.3540, 26.9405, 39.1545



94.3360, 3.7784, 1.4593



38.0600, 63.0744, 22.7494



8.8170, 14.3872, 5.4225

Inverse Universe

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



147.4680, 10.6153, 48.7016



171.1150, 16.2123, 73.5671



169.6460, -26.9405, -39.1545



95.6740, 1.1467, 5.5479



61.2620, 20.0838, 91.8552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 135.1980, 33.4264, 12.1044 looks on a white background.

Color Contrast Check

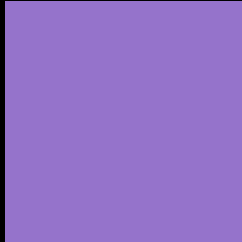
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1980, 33.4264, 12.1044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

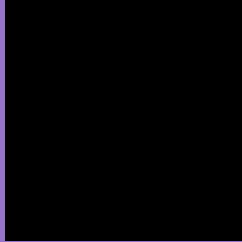
Any Text WCAG AA ✓ Pass

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 135.1980, 33.4264, 12.1044 Background



This preview shows how black text looks on a background with the YUV color 135.1980, 33.4264, 12.1044.



This preview shows how white text looks on a background with the YUV color 135.1980, 33.4264,

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

135.1980, 33.4264, 12.1044

Protanopia

129.2360, 42.2817, -28.2710

Deuteranopia

129.5970, 34.7087, -25.9566



Tritanopia

132.5320, 3.1887, 3.9184

Trichromacy



Original Color

135.1980, 33.4264, 12.1044

Protanomaly

131.5260, 39.1807, -13.6163

Deuteranomaly

131.5710, 34.2285, -11.9018

Tritanomaly

133.4150, 14.0924, 6.6520

Monochromacy



Original Color

135.1980, 33.4264, 12.1044

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.2360, 12.2087, 4.1780

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.1980, 33.4264, 12.1044 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(149, 115, 203)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 203)  
}
```

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(149, 115, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 203) }
```

Border

The CSS property to change the border of an element to YUV 135.1980, 33.4264, 12.1044 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(149, 115, 203) }
```


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

```
.border{ border-color:rgb(149, 115, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 115, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 115, 203); box-shadow:4px 4px 4px 4px rgb(149, 115, 203) }
```

Background

The CSS property to change the background color of an element to YUV 135.1980, 33.4264, 12.1044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 203) }
```

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

```
.background{ background-color: rgb(149,  
115, 203) }
```

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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