

Converting Colors

YUV(133.9350, 42.4300,
17.5970)

Have a look what the booklet for
YUV(133.9350, 42.4300, 17.5970)
contains.

YUV(133.9350, 42.4300, 17.5970)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(133.9350, 42.4300,
17.5970)**

Conversions

Conversions Part 1

Format	Color
Hex	9A6BDC
RGB	154, 107, 220
RGB Percent	60%, 42%, 86%
CMY	0.3961, 0.5804, 0.1373
CMYK	0.30, 0.51, 0.00, 0.14
HSL	265°, 62%, 64%
HSV	265°, 51%, 86%
XYZ	31.5024, 22.5527, 70.4029
YIQ	133.9350, -8.2610, 45.1070

Conversions

Conversions Part 2

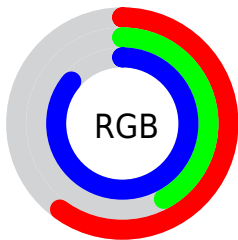
Format	Color
RYB	154, 107, 220
Decimal	10120156
CIELab	54.61, 41.68, -51.21
CIELCh	55, 66.022, 309.142
Yxy	22.5527, 0.2531, 0.1812
Android (android.graphics.Color)	4288310236 (0xFF9A6BDC)
YUV	133.9350, 42.4300, 17.5970
Hunter-Lab	47.4897, 35.3013, -54.6539

Details

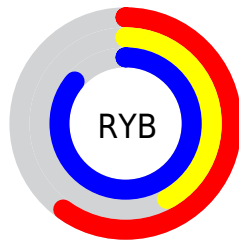
The YUV color **133.9350, 42.4300, 17.5970** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **193.0650, -42.4300, -17.5970**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0790, 33.9781, 21.8557**, and **81.7560, 40.5463, 15.1230** is the 20% darker color. If you saturate the color by 10%, you get **117.1340, 50.7129, 20.9305**, and if you desaturate by 10%, it is **150.7360, 34.1472, 14.2635**.

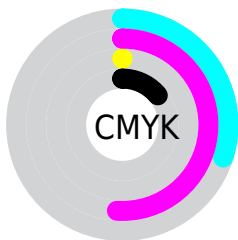
Distribution



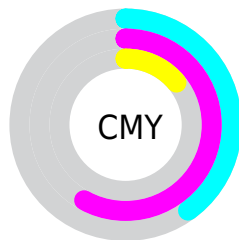
- Red (60%)
- Green (42%)
- Blue (86%)



- Red (60%)
- Yellow (42%)
- Blue (86%)



- Cyan (30%)
- Magenta (51%)
- Yellow (0%)
- Black (14%)



- Cyan (40%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9350, 42.4300, 17.5970 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 133.9350, 42.4300, 17.5970 by changing the saturation by 10% instead.

■ 133.9350, 42.4300,
17.5970

■ 133.9350, 42.4300,
17.5970

255.0000, 0.0000,
0.0000

■ 107.6960, 41.5619,
16.0526

■ 186.0790, 33.9781,
21.8557

■ 81.7560, 40.5463,
15.1230

■ 210.5990, 21.8897,
25.7847

■ 56.5170, 39.6781,
13.5786

■ 231.5200, 11.5756,
20.5920

■ 29.6200, 40.1203,
11.7343

■ 248.5430, 3.1833,
5.6628

■ 12.4950, 36.2380,
-3.0651

■ 7.0680, 27.0815,
-6.1986

■ 6.2070, 16.1669,

-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 133.9350, 42.4300,
17.5970

■ 133.9350, 42.4300,
17.5970

■ 117.1340, 50.7129,
20.9305

■ 150.7360, 34.1472,
14.2635

■ 100.3330, 58.9958,
24.2640

■ 167.5370, 25.8643,
10.9301

■ 83.5320, 67.2787,
27.5974

■ 184.3380, 17.5814,
7.5966

■ 67.0300, 75.4142,
31.5457

■ 200.8400, 9.4459,
3.6483

■ 52.5880, 82.5341,
34.5643

■ 217.6410, 1.1630,
0.3148

■ 234.4420, -7.1199,
-3.0186

■ 247.7210,
-13.6665, -3.2633

■ 251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



105.3000, 68.3791, -92.3481



133.9350, 42.4300, 17.5970



129.1840, 21.6013, 71.7526

Triad

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



133.9350, 42.4300, 17.5970



122.8420, -60.5611, 58.0206



108.9170, 18.7749, -95.5202

Complementary

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



133.9350, 42.4300, 17.5970



193.0650, -42.4300, -17.5970

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.



100.3160, -6.5648, -87.9771



133.9350, 42.4300, 17.5970



120.8170, -59.5628, 17.7005

Square

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



133.9350, 42.4300, 17.5970



124.1020, -31.1093, 84.9795



112.9170, -41.3711, -30.6222



114.0130, 43.3776, -99.9894

Rectangle

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



133.9350, 42.4300, 17.5970



124.0650, 5.3910, 91.1510



112.9170, -41.3711, -30.6222



106.0500, 10.3284, -93.0058

Sweetspot

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



133.9350, 42.4300, 17.5970



226.1160, 14.2398, 6.0373



159.7980, 29.6796, -46.3038



110.3130, 8.7197, 3.2335



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.



133.9350, 42.4300, 17.5970



134.7460, 59.2852, 24.7788



150.3800, 34.3227, 51.4097



101.4500, 4.2151, 1.3593



41.2500, 64.9527, 26.9677



10.9250, 17.2920, 7.0818

Inverse Universe

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



148.3110, 12.1717, 62.8713



154.7300, 16.8951, 87.9368



176.6200, -34.3227, -51.4097



102.9730, 0.9993, 6.1627



63.2410, 18.6152, 96.2586



16.8320, 5.0128, 25.5803

Previews

White Background



This preview shows how the YUV color 133.9350, 42.4300, 17.5970 looks on a white background.

Color Contrast Check

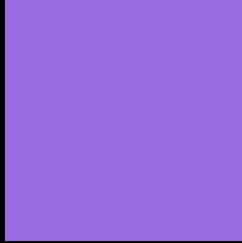
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9350, 42.4300, 17.5970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

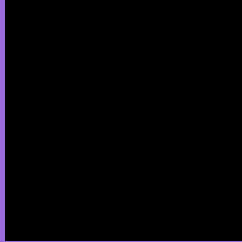
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.9350, 42.4300, 17.5970

Background



This preview shows how black text looks on a background with the YUV color 133.9350, 42.4300, 17.5970.



This preview shows how white text looks on a background with the YUV color 133.9350, 42.4300,

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

133.9350, 42.4300, 17.5970

Protanopia

124.0350, 57.1707, -43.8807

Deuteranopia

124.4300, 44.6510, -41.5961



Tritanopia

131.4290, 2.7465, 5.7628

Trichromacy



Original Color

133.9350, 42.4300, 17.5970



Protanomaly

127.7990, 51.8641, -21.7487



Deuteranomaly

127.7470, 44.0017, -19.9491



Tritanomaly

132.5340, 16.9917, 10.0557

Monochromacy



Original Color

133.9350, 42.4300, 17.5970



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.7570, 15.4028, 6.3521

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9350, 42.4300, 17.5970 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(154, 107, 220)` looks like.

```
.text, #text, p{  
    color:rgb(154, 107, 220)  
}
```

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(154, 107, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 107, 220) }
```

Border

The CSS property to change the border of an element to YUV 133.9350, 42.4300, 17.5970 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(154, 107, 220) }
```


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

```
.border{ border-color:rgb(154, 107, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 107, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 107, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 107, 220);  
box-shadow:4px 4px 4px 4px rgb(154, 107,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 133.9350, 42.4300, 17.5970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 107, 220) }
```

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

```
.background{ background-color: rgb(154,  
107, 220) }
```

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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