

Converting Colors

YUV(134.0130, 17.2486,
21.0366)

Have a look what the booklet for
YUV(134.0130, 17.2486, 21.0366)
contains.

YUV(134.0130, 17.2486, 21.0366)	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(134.0130, 17.2486,
21.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	9E73A9
RGB	158, 115, 169
RGB Percent	62%, 45%, 66%
CMY	0.3804, 0.5490, 0.3373
CMYK	0.07, 0.32, 0.00, 0.34
HSL	288°, 24%, 56%
HSV	288°, 32%, 66%
XYZ	27.3927, 22.3951, 40.4151
YIQ	134.0130, 8.2940, 25.9100

Conversions

Conversions Part 2

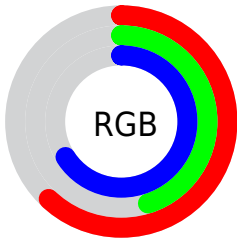
Format	Color
R_{YB}	158, 115, 169
Decimal	10384297
CIE _{Lab}	54.44, 26.63, -22.28
CIE _{LCh}	54, 34.722, 320.087
Yxy	22.3951, 0.3037, 0.2483
Android (android.graphics.Color)	4288574377 (0xFF9E73A9)
YUV	134.0130, 17.2486, 21.0366
Hunter-Lab	47.3235, 20.5067, -17.5082

Details

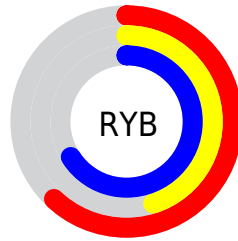
The YUV color **134.0130, 17.2486, 21.0366** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.9870, -17.2486, -21.0366**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2520, 18.1168, 22.5810**, and **83.7740, 16.3804, 19.4922** is the 20% darker color. If you saturate the color by 10%, you get **123.1370, 22.6105, 27.9439**, and if you desaturate by 10%, it is **144.8890, 11.8867, 14.1293**.

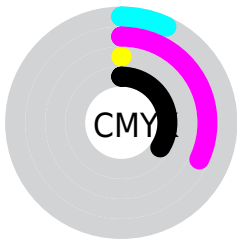
Distribution



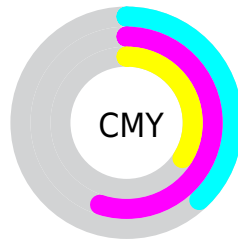
- Red (62%)
- Green (45%)
- Blue (66%)



- Red (62%)
- Yellow (45%)
- Blue (66%)



- Cyan (7%)
- Magenta (32%)
- Yellow (0%)
- Black (34%)



- Cyan (38%)
- Magenta (55%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0130, 17.2486, 21.0366 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 134.0130, 17.2486, 21.0366 by changing the saturation by 10% instead.

■ 134.0130, 17.2486,
21.0366

■ 134.0130, 17.2486,
21.0366

■ 255.0000, 0.0000,
0.0000

■ 108.1870, 16.6698,
20.0070

■ 187.2520, 18.1168,
22.5810

■ 83.7740, 16.3804,
19.4922

■ 215.6650, 18.4062,
23.0958

■ 59.9480, 15.8016,
18.4626

■ 236.2160, 9.2605,
16.4736

■ 37.1220, 15.2229,
17.4330

■ 253.2390, 0.8682,
1.5444

■ 15.7090, 14.9335,
16.9182

■ 2.7360, 10.4832,
-2.3995

■ 0.0000, 0.0000,

0.0000

■ 134.0130, 17.2486,
21.0366

■ 134.0130, 17.2486,
21.0366

■ 123.1370, 22.6105,
27.9439

■ 144.8890, 11.8867,
14.1293

■ 111.9620, 28.1197,
34.2363

■ 156.0640, 6.3774,
7.8369

■ 101.0860, 33.4816,
41.1436

■ 166.9400, 1.0156,
0.9296

■ 89.9110, 38.9909,
47.4361

■ 178.1150, -4.4937,
-5.3629

■ 79.0350, 44.3527,
54.3433

■ 188.4040, -9.5662,
-11.7553

■ 68.4470, 49.5726,
60.1210

■ 199.5790,
-15.0754, -18.0478

■ 59.6310, 53.9189,
66.0986

■ 210.4550,
-20.4373, -24.9550

■ 221.6300,
-25.9466, -31.2475

■ 225.4620,
-27.8358, -31.9772

Harmonies

Analogous

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



130.4480, 27.3871, -10.9169



134.0130, 17.2486, 21.0366



133.3010, 3.7956, 42.7090

Triad

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



134.0130, 17.2486, 21.0366



128.7110, -28.4515, 25.6865



102.8020, 23.2686, -90.1574

Complementary

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



134.0130, 17.2486, 21.0366



149.9870, -17.2486, -21.0366

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.



113.9300, 2.4995, -55.1896



134.0130, 17.2486, 21.0366



126.1380, -26.1970, 2.5100

Square

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



134.0130, 17.2486, 21.0366



130.7160, -22.5380, 42.3451



122.1330, -15.3486, -23.7956



103.8910, 35.0567, -91.1124

Rectangle

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



134.0130, 17.2486, 21.0366



132.2280, -5.5354, 48.9120



122.1330, -15.3486, -23.7956



101.6620, 18.9006, -89.1576

Sweetspot

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



134.0130, 17.2486, 21.0366



204.8900, 6.9562, 8.8665



128.2000, 20.1144, -11.5764



100.8850, 4.4937, 5.3629



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.



134.0130, 17.2486, 21.0366



165.1960, 26.5254, 32.2771



135.5920, 9.0751, 29.2988



78.7060, 2.6099, 2.8888



52.1540, 47.2521, 57.7469



7.0640, 6.3774, 7.8369

Inverse Universe

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



132.4000, -3.1552, 32.0982



162.7550, -4.8092, 49.3269



148.4080, -9.0751, -29.2988



78.5060, -0.7425, 4.8182



47.6720, -8.7123, 87.9877



6.4360, -1.2009, 11.8956

Previews

White Background



This preview shows how the YUV color 134.0130, 17.2486, 21.0366 looks on a white background.

Color Contrast Check

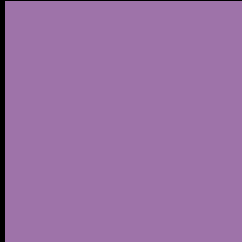
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.0130, 17.2486, 21.0366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

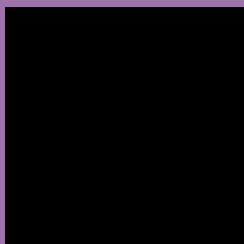
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.0130, 17.2486, 21.0366

Background



This preview shows how black text looks on a background with the YUV color 134.0130, 17.2486, 21.0366.



This preview shows how white text looks on a background with the YUV color 134.0130, 17.2486, 21.0366.

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

134.0130, 17.2486, 21.0366

Protanopia

130.8130, 23.7562, -12.9910

Deuteranopia

131.1360, 17.1880, -6.2583



Tritanopia

132.4090, -0.2016, 18.0583

Trichromacy



Original Color

134.0130, 17.2486, 21.0366

Protanomaly

131.9070, 21.2448, -0.7954

Deuteranomaly

131.9030, 17.3028, 3.5931

Tritanomaly

132.7280, 6.0501, 19.5325

Monochromacy



Original Color

134.0130, 17.2486, 21.0366

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.0640, 6.3774, 7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0130, 17.2486, 21.0366 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(158, 115, 169)` looks like.

```
.text, #text, p{  
    color:rgb(158, 115, 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(158, 115, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 115, 169) }
```

Border

The CSS property to change the border of an element to YUV 134.0130, 17.2486, 21.0366 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(158, 115, 169) }
```


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

```
.border{ border-color:rgb(158, 115, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 115, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 115, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 115, 169);  
box-shadow:4px 4px 4px 4px rgb(158, 115,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 134.0130, 17.2486, 21.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 115, 169) }
```

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

```
.background{ background-color: rgb(158,  
115, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor