

Converting Colors

YUV(133.5740, 53.4540,
28.4376)

Have a look what the booklet for
YUV(133.5740, 53.4540, 28.4376)
contains.

YUV(133.5740, 53.4540, 28.4376)	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(133.5740, 53.4540,
28.4376)**

Conversions

Conversions Part 1

Format	Color
Hex	A660F2
RGB	166, 96, 242
RGB Percent	65%, 38%, 95%
CMY	0.3490, 0.6235, 0.0510
CMYK	0.31, 0.60, 0.00, 0.05
HSL	269°, 85%, 66%
HSV	269°, 60%, 95%
XYZ	35.9358, 22.8835, 86.5273
YIQ	133.5740, -5.1460, 60.2460

Conversions

Conversions Part 2

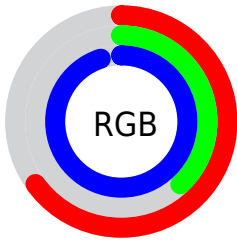
Format	Color
R _Y B	166, 96, 242
Decimal	10903794
CIE Lab	54.95, 55.72, -62.92
CIE LCh	55, 84.045, 311.527
Yxy	22.8835, 0.2472, 0.1574
Android (android.graphics.Color)	4289093874 (0xFFA660F2)
YUV	133.5740, 53.4540, 28.4376
Hunter-Lab	47.8367, 50.3779, -73.7583

Details

The YUV color **133.5740, 53.4540, 28.4376** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **204.4260, -53.4540, -28.4376**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8080, 35.0977, 36.1254**, and **78.9220, 52.2965, 26.3784** is the 20% darker color. If you saturate the color by 10%, you get **115.5990, 62.3157, 32.8007**, and if you desaturate by 10%, it is **151.5490, 44.5923, 24.0745**.

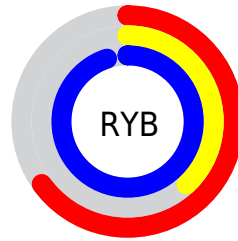
Distribution



Red (65%)

Green (38%)

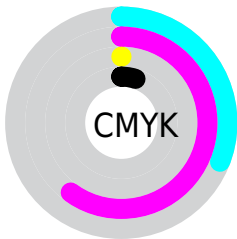
Blue (95%)



Red (65%)

Yellow (38%)

Blue (95%)

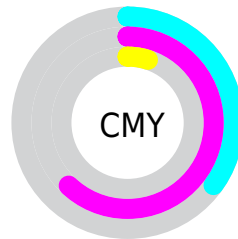


Cyan (31%)

Magenta (60%)

Yellow (0%)

Black (5%)



Cyan (35%)

Magenta (62%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.5740, 53.4540, 28.4376 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 133.5740, 53.4540, 28.4376 by changing the saturation by 10% instead.

133.5740, 53.4540,
28.4376

133.5740, 53.4540,
28.4376

255.0000, 0.0000,
0.0000

106.3350, 52.5858,
26.8932

183.8080, 35.0977,
36.1254

78.9220, 52.2965,
26.3784

209.2140, 22.5725,
40.1543

48.8620, 53.3120,
27.3080

225.6500, 14.4696,
25.7400

29.5850, 49.9976,
17.0270

242.6730, 6.0772,
10.8108

14.3620, 44.6845,
-5.5795

9.1200, 34.9438,
-7.9982

9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 133.5740, 53.4540,
28.4376

■ 133.5740, 53.4540,
28.4376

■ 115.5990, 62.3157,
32.8007

■ 151.5490, 44.5923,
24.0745

■ 97.9230, 71.0300,
37.7785

■ 169.2250, 35.8781,
19.0967

■ 79.3610, 80.1810,
42.6564

■ 187.7870, 26.7270,
14.2188

■ 62.2720, 88.6059,
47.1195

■ 205.4630, 18.0127,
9.2409

■ 223.4380, 9.1511,
4.8779

■ 241.4130, 0.2894,
0.5148

■ 253.2190, -5.5310,
0.6849

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



106.5540, 73.1839, -93.4479



133.5740, 53.4540, 28.4376



117.3850, 30.3762, 104.0254

Triad

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



133.5740, 53.4540, 28.4376



123.4620, -60.8668, 62.7388



113.2200, 22.5695, -99.2939

Complementary

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



133.5740, 53.4540, 28.4376



204.4260, -53.4540, -28.4376

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.



102.6810, -10.1957, -90.0512



133.5740, 53.4540, 28.4376



120.4850, -59.3991, 11.8527

Square

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



133.5740, 53.4540, 28.4376



116.5410, -40.1997, 107.3965



100.5860, -49.5889, -54.8879



120.3850, 52.5612, -105.5776

Rectangle

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



133.5740, 53.4540, 28.4376



95.5760, 17.4640, 138.9378



100.5860, -49.5889, -54.8879



110.2560, 11.2128, -96.6945

Sweetspot

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



133.5740, 53.4540, 28.4376



220.8220, 16.8498, 8.9261



158.4300, 41.2000, -54.7511



106.4920, 10.6034, 5.7075



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.



133.5740, 53.4540, 28.4376



118.2880, 67.3990, 35.7044



154.8030, 42.9881, 72.0868



111.1620, 4.3571, 2.4889



47.2880, 67.3990, 35.7044



14.4570, 20.4807, 11.0002

Inverse Universe

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



148.3180, 11.6752, 82.1591



136.9600, 14.8097, 103.5211



183.1970, -42.9881, -72.0868



112.2720, 0.8519, 6.7775



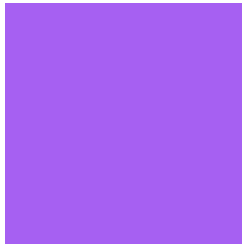
65.9600, 14.8097, 103.5211



20.0500, 4.4123, 31.5282

Previews

White Background



This preview shows how the YUV color 133.5740, 53.4540, 28.4376 looks on a white background.

Color Contrast Check

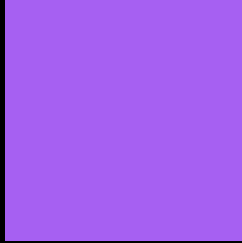
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.5740, 53.4540, 28.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

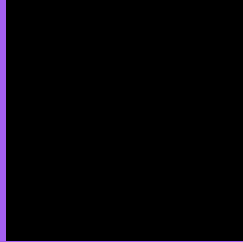
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.5740, 53.4540, 28.4376

Background



This preview shows how black text looks on a background with the YUV color 133.5740, 53.4540, 28.4376.



This preview shows how white text looks on a background with the YUV color 133.5740, 53.4540,

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

133.5740, 53.4540, 28.4376

Protanopia

120.0640, 66.5234, -57.0611

Deuteranopia

115.5000, 58.4205, -71.4755



Tritanopia

133.1200, 1.4198, 11.2958

Trichromacy



Original Color

133.5740, 53.4540, 28.4376



Protanomaly

124.9970, 61.6265, -26.3074



Deuteranomaly

121.9760, 56.7068, -35.0590



Tritanomaly

133.2020, 20.6064, 17.3628

Monochromacy



Original Color

133.5740, 53.4540, 28.4376



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.8160, 19.3177, 10.6854

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.5740, 53.4540, 28.4376 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(166, 96, 242)` looks like.

```
.text, #text, p{  
    color:rgb(166, 96, 242)  
}
```

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(166, 96, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 96, 242) }
```

Border

The CSS property to change the border of an element to YUV 133.5740, 53.4540, 28.4376 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(166, 96, 242) }
```


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

```
.border{ border-color:rgb(166, 96, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 96, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 96, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 96, 242);  
box-shadow:4px 4px 4px 4px rgb(166, 96,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 133.5740, 53.4540, 28.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 96, 242) }
```

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

```
.background{ background-color: rgb(166, 96,  
242) }
```

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