

Converting Colors

YUV(136.1010, 54.1802,
28.8524)

Have a look what the booklet for
YUV(136.1010, 54.1802, 28.8524)
contains.

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Color

**YUV(136.1010, 54.1802,
28.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	A962F6
RGB	169, 98, 246
RGB Percent	66%, 38%, 96%
CMY	0.3373, 0.6157, 0.0353
CMYK	0.31, 0.60, 0.00, 0.04
HSL	269°, 89%, 67%
HSV	269°, 60%, 96%
XYZ	37.3644, 23.8242, 89.8180
YIQ	136.1010, -5.1920, 61.0800

Conversions

Conversions Part 2

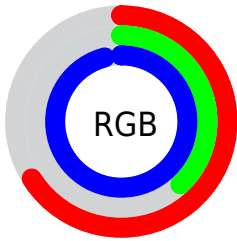
Format	Color
R_{YB}	169, 98, 246
Decimal	11100918
CIE _{Lab}	55.91, 56.31, -63.59
CIE _{LCh}	56, 84.938, 311.530
Yxy	23.8242, 0.2474, 0.1578
Android (android.graphics.Color)	4289290998 (0xFFA962F6)
YUV	136.1010, 54.1802, 28.8524
Hunter-Lab	48.8100, 51.2254, -74.9357

Details

The YUV color **136.1010, 54.1802, 28.8524** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **207.8990, -54.1802, -28.8524**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4660, 33.7873, 36.4253**, and **81.1500, 53.1700, 26.1784** is the 20% darker color. If you saturate the color by 10%, you get **117.5390, 63.3313, 33.7303**, and if you desaturate by 10%, it is **154.6630, 45.0291, 23.9745**.

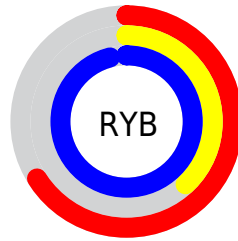
Distribution



Red (66%)

Green (38%)

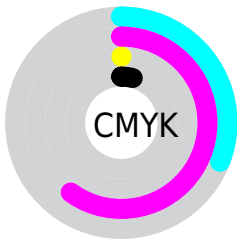
Blue (96%)



Red (66%)

Yellow (38%)

Blue (96%)

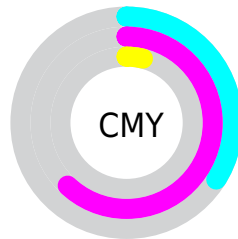


Cyan (31%)

Magenta (60%)

Yellow (0%)

Black (4%)



Cyan (34%)

Magenta (62%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1010, 54.1802, 28.8524 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 136.1010, 54.1802, 28.8524 by changing the saturation by 10% instead.

136.1010, 54.1802,
28.8524

136.1010, 54.1802,
28.8524

255.0000, 0.0000,
0.0000

108.8620, 53.3120,
27.3080

186.4660, 33.7873,
36.4253

81.1500, 53.1700,
26.1784

210.3880, 21.9937,
39.1247

51.6770, 53.8962,
26.5933

227.4110, 13.6014,
24.1956

30.8240, 50.8658,
18.5714

243.8470, 5.4984,
9.7812

15.9000, 45.4053,
-3.4203

9.4620, 36.2542,
-8.2982

10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 136.1010, 54.1802,
28.8524

■ 136.1010, 54.1802,
28.8524

■ 117.5390, 63.3313,
33.7303

■ 154.6630, 45.0291,
23.9745

■ 99.5640, 72.1929,
38.0934

■ 172.6380, 36.1675,
19.6115

■ 81.3010, 81.1966,
43.5860

■ 190.9010, 27.1638,
14.1188

■ 63.3260, 90.0583,
47.9491

■ 208.8760, 18.3021,
9.7557

■ 227.4380, 9.1511,
4.8779

■ 246.0000, 0.0000,
0.0000

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



107.7280, 72.6051, -94.4775



136.1010, 54.1802, 28.8524



119.6240, 31.2444, 105.5698

Triad

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



136.1010, 54.1802, 28.8524



125.8320, -62.0352, 64.1683



115.3230, 23.0118, -101.1383

Complementary

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



136.1010, 54.1802, 28.8524



207.8990, -54.1802, -28.8524

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.



104.6700, -10.1903, -91.7956



136.1010, 54.1802, 28.8524



123.1430, -60.7095, 12.1526

Square

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



136.1010, 54.1802, 28.8524



119.0250, -40.9313, 108.7261



102.9450, -50.7519, -55.2028



122.6020, 53.4402, -107.5220

Rectangle

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



136.1010, 54.1802, 28.8524



97.9780, 17.7588, 137.7083



102.9450, -50.7519, -55.2028



112.3590, 11.6550, -98.5388

Sweetspot

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



136.1010, 54.1802, 28.8524



220.8220, 16.8498, 8.9261



161.2450, 41.7842, -55.4659



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.



136.1010, 54.1802, 28.8524



118.2880, 67.3990, 35.7044



157.6290, 43.5669, 73.1164



113.1620, 4.3571, 2.4889



47.8150, 68.1252, 36.1192



15.0980, 21.6437, 11.3151

Inverse Universe

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



151.0300, 11.8172, 83.2887



136.9600, 14.8097, 103.5211



186.3710, -43.5669, -73.1164



114.3860, 1.2887, 6.6775



66.6720, 14.9517, 104.6507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 136.1010, 54.1802, 28.8524 looks on a white background.

Color Contrast Check

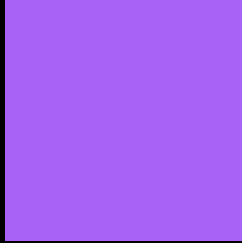
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.1010, 54.1802, 28.8524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

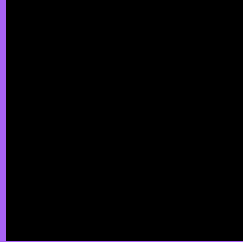
Any Text WCAG AA ✓ Pass

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 136.1010, 54.1802, 28.8524 Background



This preview shows how black text looks on a background with the YUV color 136.1010, 54.1802, 28.8524.



This preview shows how white text looks on a background with the YUV color 136.1010, 54.1802, 28.8524.

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

136.1010, 54.1802, 28.8524

Protanopia

124.2170, 64.4760, -53.6873

Deuteranopia

118.0270, 59.1467, -71.0607



Tritanopia

135.4190, 1.2724, 11.9105

Trichromacy



Original Color

136.1010, 54.1802, 28.8524



Protanomaly

128.4920, 60.8894, -23.2335



Deuteranomaly

124.5030, 57.4330, -34.6441



Tritanomaly

135.5010, 20.4590, 17.9776

Monochromacy



Original Color

136.1010, 54.1802, 28.8524



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

135.9300, 19.7545, 10.5854

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1010, 54.1802, 28.8524 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(169, 98, 246)` looks like.

```
.text, #text, p{  
    color:rgb(169, 98, 246)  
}
```

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(169, 98, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 98, 246) }
```

Border

The CSS property to change the border of an element to YUV 136.1010, 54.1802, 28.8524 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(169, 98, 246) }
```


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

```
.border{ border-color:rgb(169, 98, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 98, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 98, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 98, 246);  
box-shadow:4px 4px 4px 4px rgb(169, 98,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 136.1010, 54.1802, 28.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 98, 246) }
```

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

```
.background{ background-color: rgb(169, 98,  
246) }
```

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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