

Converting Colors

YUV(137.0510, 33.0059, 6.9713)

Have a look what the booklet for
YUV(137.0510, 33.0059, 6.9713)
contains.

YUV(137.0510, 33.0059, 6.9713)	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(137.0510, 33.0059,
6.9713)**

Conversions

Conversions Part 1

Format	Color
Hex	9178CC
RGB	145, 120, 204
RGB Percent	57%, 47%, 80%
CMY	0.4314, 0.5294, 0.2000
CMYK	0.29, 0.41, 0.00, 0.20
HSL	258°, 45%, 64%
HSV	258°, 41%, 80%
XYZ	29.2926, 23.8123, 60.1791
YIQ	137.0510, -12.0640, 31.4240

Conversions

Conversions Part 2

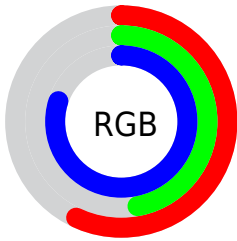
Format	Color
R _Y B	145, 120, 204
Decimal	9533644
CIE Lab	55.90, 27.82, -40.17
CIE LCh	56, 48.863, 304.711
Yxy	23.8123, 0.2586, 0.2102
Android (android.graphics.Color)	4287723724 (0xFF9178CC)
YUV	137.0510, 33.0059, 6.9713
Hunter-Lab	48.7979, 21.7545, -38.9598

Details

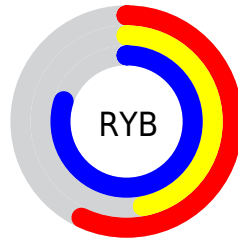
The YUV color **137.0510, 33.0059, 6.9713** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **186.9490, -33.0059, -6.9713**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7200, 31.6900, 9.0156**, and **86.1710, 30.9747, 5.1120** is the 20% darker color. If you saturate the color by 10%, you get **121.1250, 40.8574, 8.6604**, and if you desaturate by 10%, it is **152.9770, 25.1543, 5.2822**.

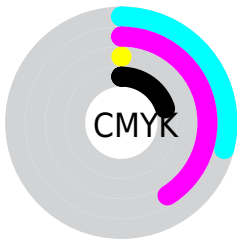
Distribution



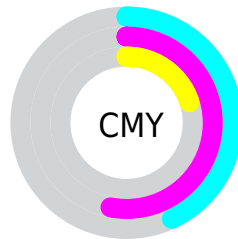
- Red (57%)
- Green (47%)
- Blue (80%)



- Red (57%)
- Yellow (47%)
- Blue (80%)



- Cyan (29%)
- Magenta (41%)
- Yellow (0%)
- Black (20%)



- Cyan (43%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.0510, 33.0059, 6.9713 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 137.0510, 33.0059, 6.9713 by changing the saturation by 10% instead.

■ 137.0510, 33.0059,
6.9713

■ 137.0510, 33.0059,
6.9713

255.0000, 0.0000,
0.0000

■ 111.1110, 31.9903,
6.0417

■ 190.7200, 31.6900,
9.0156

■ 86.1710, 30.9747,
5.1120

■ 214.9410, 19.7491,
12.3297

■ 61.9320, 30.1065,
3.5676

■ 239.1510, 7.8136,
13.8996

■ 38.3940, 29.3858,
1.4085

■ 13.9480, 29.1126,
-4.3394

■ 5.7000, 21.8399,
-4.9989

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 137.0510, 33.0059,
6.9713

■ 137.0510, 33.0059,
6.9713

■ 121.1250, 40.8574,
8.6604

■ 152.9770, 25.1543,
5.2822

■ 104.3130, 49.1457,
10.2495

■ 169.7890, 16.8660,
3.6930

■ 88.3870, 56.9972,
11.9386

■ 185.7150, 9.0145,
2.0039

■ 71.8740, 65.1381,
14.1425

■ 202.2280, 0.8736,
-0.2000

■ 55.6490, 73.1370,
15.2168

■ 218.4530, -7.1253,
-1.2743

■ 41.4950, 80.1150,
17.1059

■ 234.3790,
-14.9768, -2.9634

■ 246.1960,
-20.8026, -1.0489

■ 249.1860,
-22.2767, 5.0989

Harmonies

Analogous

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



123.0370, 47.3098, -54.4064



137.0510, 33.0059, 6.9713



137.0640, 16.7304, 47.3019

Triad

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



137.0510, 33.0059, 6.9713



131.8510, -37.3945, 47.4887



106.9450, 16.2961, -93.7908

Complementary

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



137.0510, 33.0059, 6.9713



186.9490, -33.0059, -6.9713

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.



112.4270, -8.0985, -62.6415



137.0510, 33.0059, 6.9713



128.8230, -41.8177, 19.4492

Square

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



137.0510, 33.0059, 6.9713



132.6850, -22.0297, 66.0513



123.9480, -31.5264, -14.8634



111.0320, 34.4942, -97.3751

Rectangle

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



137.0510, 33.0059, 6.9713



135.1340, 3.8779, 63.0265



123.9480, -31.5264, -14.8634



104.6480, 10.0335, -91.7763

Sweetspot

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



137.0510, 33.0059, 6.9713



230.5240, 12.0667, 3.0485



164.7960, 19.3276, -39.2861



113.5470, 7.1253, 1.2743



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.



137.0510, 33.0059, 6.9713



155.3130, 49.1457, 10.2495



149.3100, 26.9622, 32.1771



94.0370, 3.9258, 0.8446



33.5750, 65.2855, 13.5277



7.6210, 14.9768, 2.9634

Inverse Universe

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



151.8420, 13.3889, 45.7426



177.4070, 20.0123, 68.0491



174.6900, -26.9622, -32.1771



95.7880, 1.5835, 5.4479



62.8580, 26.1990, 90.4555



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 137.0510, 33.0059, 6.9713 looks on a white background.

Color Contrast Check

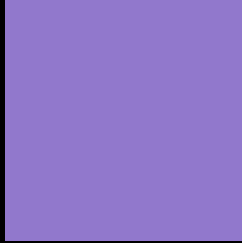
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.0510, 33.0059, 6.9713 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 137.0510, 33.0059, 6.9713

Background



This preview shows how black text looks on a background with the YUV color 137.0510, 33.0059, 6.9713.



This preview shows how white text looks on a background with the YUV color 137.0510, 33.0059,

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

137.0510, 33.0059, 6.9713

Protanopia

131.7910, 40.5290, -26.1267

Deuteranopia

131.7820, 34.1245, -25.2418



Tritanopia

134.2540, 4.8048, -1.0998

Trichromacy



Original Color

137.0510, 33.0059, 6.9713

Protanomaly

133.7710, 37.5809, -13.8312

Deuteranomaly

133.4460, 33.7971, -13.5461

Tritanomaly

135.0230, 15.2717, 1.7338

Monochromacy



Original Color

137.0510, 33.0059, 6.9713

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.1110, 11.7773, 2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.0510, 33.0059, 6.9713 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(145, 120, 204)` looks like.

```
.text, #text, p{  
    color:rgb(145, 120, 204)  
}
```

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(145, 120, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 120, 204) }
```

Border

The CSS property to change the border of an element to YUV 137.0510, 33.0059, 6.9713 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(145, 120, 204) }
```


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

```
.border{ border-color:rgb(145, 120, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 120, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 120, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 120, 204);  
box-shadow:4px 4px 4px 4px rgb(145, 120,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 137.0510, 33.0059, 6.9713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 120, 204) }
```

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

```
.background{ background-color: rgb(145,  
120, 204) }
```

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