

Converting Colors

YUV(136.6120, -45.1647,
19.6343)

Have a look what the booklet for
YUV(136.6120, -45.1647, 19.6343)
contains.

YUV(136.6120, -45.1647, 19.6343)	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(136.6120, -45.1647,
19.6343)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8F2D
RGB	159, 143, 45
RGB Percent	62%, 56%, 18%
CMY	0.3765, 0.4392, 0.8235
CMYK	0.00, 0.10, 0.72, 0.38
HSL	52°, 56%, 40%
HSV	52°, 72%, 62%
XYZ	24.5942, 27.2053, 6.4375
YIQ	136.6120, 40.9940, -27.0860

Conversions

Conversions Part 2

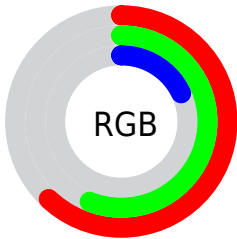
Format	Color
R _Y B	64, 159, 45
Decimal	10456877
CIE Lab	59.16, -5.37, 51.68
CIE LCh	59, 51.957, 95.928
Yxy	27.2053, 0.4223, 0.4671
Android (android.graphics.Color)	4288646957 (0xFF9F8F2D)
YUV	136.6120, -45.1647, 19.6343
Hunter-Lab	52.1587, -7.1103, 29.1934

Details

The YUV color **136.6120, -45.1647, 19.6343** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **67.3880, 45.1647, -19.6343**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6940, -46.1911, 22.1934**, and **85.6870, -42.2437, 16.0605** is the 20% darker color. If you saturate the color by 10%, you get **133.6140, -51.5747, 22.2635**, and if you desaturate by 10%, it is **139.6100, -38.7547, 17.0050**.

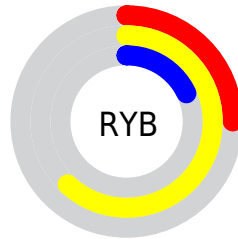
Distribution



Red (62%)

Green (56%)

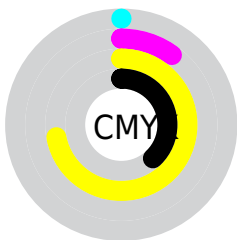
Blue (18%)



Red (25%)

Yellow (62%)

Blue (18%)

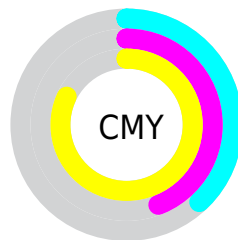


Cyan (0%)

Magenta (10%)

Yellow (72%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.6120, -45.1647, 19.6343 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 136.6120, -45.1647, 19.6343 by changing the saturation by 10% instead.

■ 136.6120,
-45.1647, 19.6343

■ 136.6120,
-45.1647, 19.6343

■ 255.0000, 0.0000,
0.0000

■ 110.1450,
-46.9065, 18.2898

■ 190.6940,
-46.1911, 22.1934

■ 85.6870, -42.2437,
16.0605

■ 219.0640,
-47.3596, 23.6229

■ 64.4120, -31.7551,
11.9167

■ 241.8560,
-45.2850, 11.5273

■ 43.7240, -21.5559,
7.2581

■ 246.2220,
-33.6334, 7.6983

■ 24.2210, -11.9410,
3.3142

■ 249.4140,
-21.4031, 4.8989

■ 0.0000, 0.0000,
0.0000

■ 252.7200, -8.7360,

1.9996

■ 136.6120,
-45.1647, 19.6343

■ 136.6120,
-45.1647, 19.6343

■ 133.6140,
-51.5747, 22.2635

■ 139.6100,
-38.7547, 17.0050

■ 130.6160,
-57.9847, 24.8928

■ 142.6080,
-32.3447, 14.3758

■ 127.9600,
-63.0843, 27.2221

■ 146.1930,
-26.2241, 11.2317

■ 149.1910,
-19.8142, 8.6025

■ 152.1890,
-13.4042, 5.9732

■ 155.0730, -7.4310,
3.4440

■ 158.6580, -1.3104,
0.2999

■ 161.6560, 5.0996,
-2.3293

■ 164.6540, 11.5096,
-4.9586

Harmonies

Analogous

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



140.0640, -40.4576, 49.9329



136.6120, -45.1647, 19.6343



131.4700, -33.2627, -17.9522

Triad

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



136.6120, -45.1647, 19.6343



117.9110, 38.0049, -103.4079



145.9120, 17.2984, 51.8202

Complementary

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



136.6120, -45.1647, 19.6343



67.3880, 45.1647, -19.6343

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.



146.2300, 34.8896, 9.4453



136.6120, -45.1647, 19.6343



117.8090, 52.8452, -103.3185

Square

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



136.6120, -45.1647, 19.6343



113.9550, 17.7702, -99.9385



131.4220, 50.0780, -55.6211



142.2510, -3.5747, 73.4479

Rectangle

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



136.6120, -45.1647, 19.6343



124.6970, -17.5986, -48.8463



131.4220, 50.0780, -55.6211



146.4420, 23.4461, 39.9544

Sweetspot

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



136.6120, -45.1647, 19.6343



197.6470, -18.0670, 8.2026



81.0240, -9.3788, 68.3850



99.4600, -11.0728, 4.8586



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



136.6120, -45.1647, 19.6343



172.0330, -70.5153, 30.6661



134.0440, -43.8987, -13.1936



77.5010, -3.2050, 1.3146



114.9580, -56.6743, 24.5928



12.1160, -5.9732, 2.5293

Inverse Universe

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



67.3880, 45.1647, -19.6343



63.9670, 70.5153, -30.6661



69.9560, 43.8987, 13.1936



72.4990, 3.2050, -1.3146



28.0420, 56.6743, -24.5928



2.8840, 5.9732, -2.5293

Previews

White Background



This preview shows how the YUV color 136.6120, -45.1647, 19.6343 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 136.6120, -45.1647, 19.6343 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 136.6120, -45.1647, 19.6343 Background



This preview shows how black text looks on a background with the YUV color 136.6120, -45.1647, 19.6343.



This preview shows how white text looks on a background with the YUV color 136.6120, -45.1647, 19.6343.

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

136.6120, -45.1647, 19.6343

Protanopia

136.9110, -45.3121, 20.2491

Deuteranopia

137.9390, -44.3399, 35.1335



Tritanopia

145.0070, -0.4965, 19.2879

Trichromacy



Original Color

136.6120, -45.1647, 19.6343

Protanomaly

136.9110, -45.3121, 20.2491

Deuteranomaly

137.4930, -44.6130, 29.3856

Tritanomaly

141.7670, -16.6471, 19.4983

Monochromacy



Original Color

136.6120, -45.1647, 19.6343

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8040, -16.1724, 7.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6120, -45.1647, 19.6343 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(159, 143, 45)` looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 45)  
}
```

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(159, 143, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 45) }
```

Border

The CSS property to change the border of an element to YUV 136.6120, -45.1647, 19.6343 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(159, 143, 45) }
```


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

```
.border{ border-color:rgb(159, 143, 45) }
```

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

Here you see how a box with a 4 pixel rgb(159, 143, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 45);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 136.6120, -45.1647, 19.6343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 45) }
```

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

```
.background{ background-color: rgb(159,  
143, 45) }
```

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