

Converting Colors

YUV(136.5810, -8.1744,
-38.2205)

Have a look what the booklet for
YUV(136.5810, -8.1744, -38.2205)
contains.

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Color

**YUV(136.5810, -8.1744,
-38.2205)**

Conversions

Conversions Part 1	
Format	Color
Hex	5DA278
RGB	93, 162, 120
RGB Percent	36%, 64%, 47%
CMY	0.6353, 0.3647, 0.5294
CMYK	0.43, 0.00, 0.26, 0.36
HSL	143°, 27%, 50%
HSV	143°, 43%, 64%
XYZ	20.8247, 29.5239, 22.3704
YIQ	136.5810, -27.6420, -27.6900

Conversions

Conversions Part 2

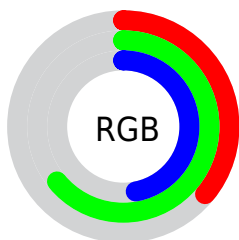
Format	Color
RYB	93, 143, 162
Decimal	6136440
CIELab	61.24, -31.51, 15.16
CIELCh	61, 34.966, 154.306
Yxy	29.5239, 0.2864, 0.4060
Android (android.graphics.Color)	4284326520 (0xFF5DA278)
YUV	136.5810, -8.1744, -38.2205
Hunter-Lab	54.3359, -26.6761, 13.6251

Details

The YUV color **136.5810, -8.1744, -38.2205** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **118.4190, 8.1744, 38.2205**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6410, -9.1900, -39.1502**, and **84.6240, -6.7166, -39.1352** is the 20% darker color. If you saturate the color by 10%, you get **130.6570, -10.1839, -47.0572**, and if you desaturate by 10%, it is **142.5050, -6.1650, -29.3839**.

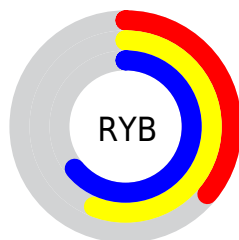
Distribution



Red (36%)

Green (64%)

Blue (47%)



Red (36%)

Yellow (56%)

Blue (64%)

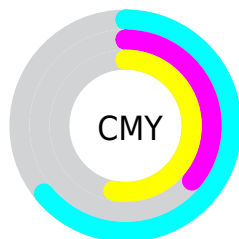


Cyan (43%)

Magenta (0%)

Yellow (26%)

Black (36%)



Cyan (64%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation

Gradients


These gradients show how the YUV color 136.5810, -8.1744, -38.2205 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 136.5810, -8.1744, -38.2205 by changing the saturation by 10% instead.


 136.5810, -8.1744,
-38.2205

 136.5810, -8.1744,
-38.2205

255.0000, 0.0000,
0.0000

 110.1080, -7.4482,
-37.8057


 190.6410, -9.1900,
-39.1502

 84.6240, -6.7166,
-39.1352


 219.2280, -9.4794,
-39.6650


 57.5740, -4.2270,
-44.3534

 236.0750, -3.9810,
-29.8838

 38.8850, -5.8593,
-34.1021


 247.8240, 3.5378,
-14.7546


 23.1210, -10.4127,
-20.2771


 4.6960, -2.3151,
-4.1184

 0.0000, 0.0000,


0.0000

 136.5810, -8.1744,
-38.2205


 136.5810, -8.1744,
-38.2205

 130.6570,
-10.1839, -47.0572


 142.5050, -6.1650,
-29.3839

 124.7330,
-12.1934, -55.8938


 148.4290, -4.1555,
-20.5472


 118.5100,
-14.0554, -65.3453


 154.6520, -2.2934,
-11.0958


 112.7000,
-15.6281, -74.2819

 160.4620, -0.7208,
-2.1592

 106.7760,
-17.6376, -83.1186

 166.3860, 1.2887,
6.6775

 102.2760,
-19.3631, -89.6961

 172.3100, 3.2982,
15.5141

■ 178.2340, 5.3076,
24.3508

■ 184.4570, 7.1697,
33.8022

■ 190.3810, 9.1792,
42.6389

Harmonies

Analogous

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



141.6850, -22.5227, -9.3707



136.5810, -8.1744, -38.2205



127.5350, 11.5682, -70.6292

Triad

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



136.5810, -8.1744, -38.2205



144.1790, 31.9568, -29.9750



149.2530, -16.8867, 49.7671

Complementary

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



136.5810, -8.1744, -38.2205



118.4190, 8.1744, 38.2205

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.



150.5100, -3.2094, 49.5417



136.5810, -8.1744, -38.2205



150.6350, 23.8439, 5.5821

Square

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



136.5810, -8.1744, -38.2205



131.4360, 35.2811, -69.6654



151.8960, 11.3903, 33.4172



147.8310, -27.0317, 36.9822

Rectangle

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



136.5810, -8.1744, -38.2205



116.4740, 27.3743, -100.3937



151.8960, 11.3903, 33.4172



149.7030, -12.6716, 51.1265

Sweetspot

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



136.5810, -8.1744, -38.2205



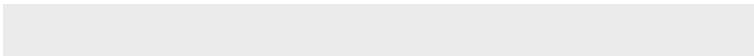
201.6900, -3.2982, -15.5141



146.3600, -26.3065, -9.0857



100.7770, -1.8621, -9.4514



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



136.5810, -8.1744, -38.2205



172.1840, -12.9087, -59.7974



140.4570, 6.6767, -41.6198



78.7390, -0.8573, -5.0331



91.6130, -17.0642, -80.3446



11.3640, -2.1515, -9.9662

Inverse Universe

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



118.4190, 8.1744, 38.2205



143.7020, 12.4719, 59.8973



114.5430, -6.6767, 41.6198



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 136.5810, -8.1744, -38.2205 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 136.5810, -8.1744, -38.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

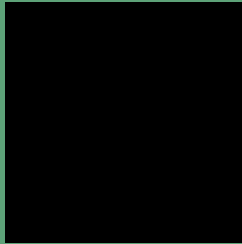
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.5810, -8.1744, -38.2205

Background



This preview shows how black text looks on a background with the YUV color 136.5810, -8.1744, -38.2205.



This preview shows how white text looks on a background with the YUV color 136.5810, -8.1744,

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

136.5810, -8.1744, -38.2205

Protanopia

146.1140, -16.3252, 9.5470

Deuteranopia

147.4340, -11.5530, 18.9134






Tritanopia

141.8200, 12.9067, -33.1681

Trichromacy

	Original Color 136.5810, -8.1744, -38.2205
	Protanomaly 142.5140, -13.0714, -7.4668
	Deuteranomaly 143.6440, -10.1775, -2.3188
	Tritanomaly 139.8600, 5.4920, -34.9572

Monochromacy

	Original Color 136.5810, -8.1744, -38.2205
	Achromatopsia 137.0000, 0.0000, 0.0000
	Achromatomaly 136.8150, -2.8668, -13.8698

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.5810, -8.1744, -38.2205 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(93, 162, 120)` looks like.

```
.text, #text, p{  
    color:rgb(93, 162, 120)  
}
```

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(93, 162, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 162, 120) }
```

Border

The CSS property to change the border of an element to YUV 136.5810, -8.1744, -38.2205 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(93, 162, 120) }
```


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

```
.border{ border-color:rgb(93, 162, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 162, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 162, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 162, 120);  
box-shadow:4px 4px 4px 4px rgb(93, 162,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 136.5810, -8.1744, -38.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 162, 120) }
```

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

```
.background{ background-color: rgb(93, 162,  
120) }
```

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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