

Converting Colors

YUV(136.7180, 20.8450,
-59.3887)

Have a look what the booklet for
YUV(136.7180, 20.8450, -59.3887)
contains.

YUV(136.7180, 20.8450, -59.3887)	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(136.7180, 20.8450,
-59.3887)**

Conversions

Conversions Part 1

Format	Color
Hex	45A3B3
RGB	69, 163, 179
RGB Percent	27%, 64%, 70%
CMY	0.7294, 0.3608, 0.2980
CMYK	0.61, 0.09, 0.00, 0.30
HSL	189°, 44%, 49%
HSV	189°, 61%, 70%
XYZ	23.6881, 30.7143, 47.3278
YIQ	136.7180, -61.1600, -14.9520

Conversions

Conversions Part 2

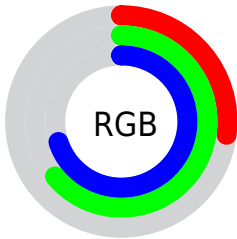
Format	Color
R _Y B	69, 120, 179
Decimal	4563891
CIE Lab	62.27, -22.70, -16.56
CIE LCh	62, 28.097, 216.115
Yxy	30.7143, 0.2329, 0.3019
Android (android.graphics.Color)	4282753971 (0xFF45A3B3)
YUV	136.7180, 20.8450, -59.3887
Hunter-Lab	55.4205, -20.6903, -11.8380

Details

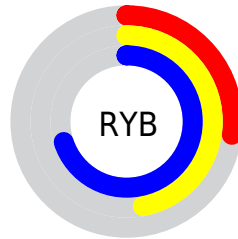
The YUV color **136.7180, 20.8450, -59.3887** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **111.2820, -20.8450, 59.3887**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0280, 20.6922, -57.0296**, and **79.5210, 22.9141, -69.7399** is the 20% darker color. If you saturate the color by 10%, you get **129.5750, 24.3665, -68.9103**, and if you desaturate by 10%, it is **143.8610, 17.3235, -49.8671**.

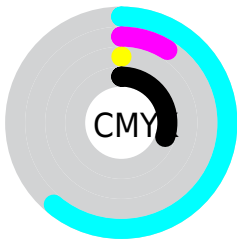
Distribution



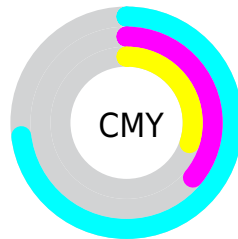
- Red (27%)
- Green (64%)
- Blue (70%)



- Red (27%)
- Yellow (47%)
- Blue (70%)



- Cyan (61%)
- Magenta (9%)
- Yellow (0%)
- Black (30%)



- Cyan (73%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7180, 20.8450, -59.3887 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 136.7180, 20.8450, -59.3887 by changing the saturation by 10% instead.

136.7180, 20.8450,
-59.3887

136.7180, 20.8450,
-59.3887

255.0000, 0.0000,
0.0000

107.9130, 21.7349,
-64.8217

193.0280, 20.6922,
-57.0296

79.5210, 22.9141,
-69.7399

221.0020, 16.7610,
-56.1298

61.9960, 19.2290,
-54.3705

234.3690, 10.1711,
-42.4196

45.7590, 15.4018,
-40.1306

243.0400, 5.8963,
-24.5911

29.6360, 12.0115,
-25.9908

252.0100, 1.4741,
-6.1478

13.1540, 9.7841,
-11.5361

0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 136.7180, 20.8450,
-59.3887

■ 136.7180, 20.8450,
-59.3887

■ 129.5750, 24.3665,
-68.9103

■ 143.8610, 17.3235,
-49.8671

■ 123.0190, 27.5986,
-78.9467

■ 150.4170, 14.0914,
-39.8307

■ 115.8760, 31.1201,
-88.4683

■ 157.5600, 10.5699,
-30.3091

■ 110.2170, 33.9100,
-96.6603

■ 164.1160, 7.3378,
-20.2727

■ 170.9600, 3.9637,
-11.3659

■ 178.1030, 0.4422,
-1.8443

■ 184.6590, -2.7899,
8.1921

■ 191.8020, -6.3114,
17.7136

■ 198.3580, -9.5435,
27.7500

Harmonies

Analogous

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



137.8580, 8.4510, -50.7415



136.7180, 20.8450, -59.3887



142.1740, 26.0432, -46.6336

Triad

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



136.7180, 20.8450, -59.3887



154.6520, 8.0596, 28.3692



148.8880, -23.6088, 12.3762

Complementary

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



136.7180, 20.8450, -59.3887



111.2820, -20.8450, 59.3887

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.



150.7530, -22.0632, 30.0346



136.7180, 20.8450, -59.3887



153.6290, -3.7611, 39.7904

Square

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



136.7180, 20.8450, -59.3887



153.2670, 18.6024, 6.7818



152.3550, -14.9650, 40.0307



145.9500, -17.7233, -8.7261

Rectangle

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



136.7180, 20.8450, -59.3887



146.9850, 26.1364, -29.8048



152.3550, -14.9650, 40.0307



149.5190, -23.9199, 18.8388

Sweetspot

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



136.7180, 20.8450, -59.3887



215.9200, 7.9274, -22.7318



135.2800, -25.2810, -58.1276



107.4650, 4.7008, -14.4398



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



136.7180, 20.8450, -59.3887



165.8970, 32.5888, -92.8717



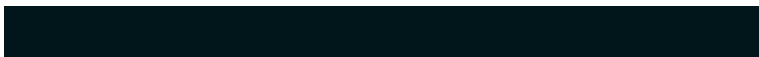
105.0200, 36.4721, -31.5895



85.7220, 1.6161, -5.0182



94.3390, 28.9199, -82.7353



15.8780, 4.9901, -13.9250

Inverse Universe

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



112.6060, 24.8442, 58.2275



128.1860, 38.8553, 91.0449



142.9800, -36.4721, 31.5895



83.6030, 2.1677, 4.7332



60.6810, 34.6673, 80.9638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 136.7180, 20.8450, -59.3887 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 136.7180, 20.8450, -59.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

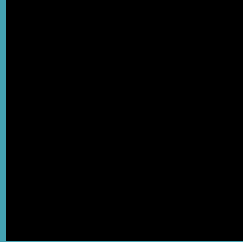
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 136.7180, 20.8450, -59.3887

Background



This preview shows how black text looks on a background with the YUV color 136.7180, 20.8450, -59.3887.

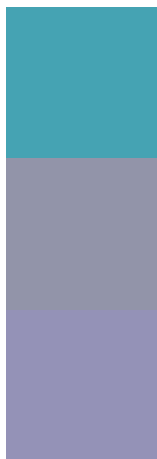


This preview shows how white text looks on a background with the YUV color 136.7180, 20.8450, -59.3887.

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

136.7180, 20.8450, -59.3887

Protanopia

149.7960, 9.4676, -3.3291

Deuteranopia

150.8160, 15.8667, -2.4696



Tritanopia

136.1910, 20.1188, -59.8035

Trichromacy



Original Color

136.7180, 20.8450, -59.3887

Protanomaly

144.8150, 13.8952, -23.5168

Deuteranomaly

145.5530, 17.9684, -23.2870

Tritanomaly

136.3050, 20.5556, -59.9035

Monochromacy



Original Color

136.7180, 20.8450, -59.3887

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.5180, 7.6326, -21.5023

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7180, 20.8450, -59.3887 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(69, 163, 179)` looks like.

```
.text, #text, p{  
    color:rgb(69, 163, 179)  
}
```

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(69, 163, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 163, 179) }
```

Border

The CSS property to change the border of an element to YUV 136.7180, 20.8450, -59.3887 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(69, 163, 179) }
```


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

```
.border{ border-color:rgb(69, 163, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 163, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 163, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 163, 179);  
box-shadow:4px 4px 4px 4px rgb(69, 163,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 136.7180, 20.8450, -59.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 163, 179) }
```

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

```
.background{ background-color: rgb(69, 163,  
179) }
```

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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