

Converting Colors

YUV(136.1670, 13.2287,
-43.1195)

Have a look what the booklet for
YUV(136.1670, 13.2287, -43.1195)
contains.

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Color

**YUV(136.1670, 13.2287,
-43.1195)**

Conversions

Conversions Part 1

Format	Color
Hex	579CA3
RGB	87, 156, 163
RGB Percent	34%, 61%, 64%
CMY	0.6588, 0.3882, 0.3608
CMYK	0.47, 0.04, 0.00, 0.36
HSL	186°, 30%, 49%
HSV	186°, 47%, 64%
XYZ	22.4298, 28.4475, 38.9591
YIQ	136.1670, -43.3710, -12.4510

Conversions

Conversions Part 2

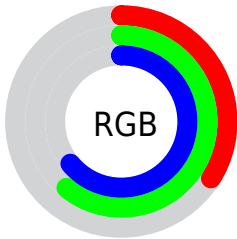
Format	Color
RYP	87, 123, 163
Decimal	5741731
CIELab	60.29, -19.86, -10.45
CIElCh	60, 22.440, 207.755
Yxy	28.4475, 0.2497, 0.3167
Android (android.graphics.Color)	4283931811 (0xFF579CA3)
YUV	136.1670, 13.2287, -43.1195
Hunter-Lab	53.3362, -18.2727, -5.9726

Details

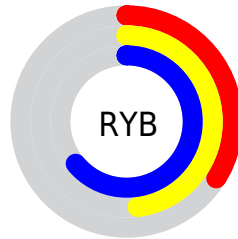
The YUV color **136.1670, 13.2287, -43.1195** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **113.8330, -13.2287, 43.1195**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.1670, 13.2287, -43.1195**, and **82.9600, 13.8237, -47.3229** is the 20% darker color. If you saturate the color by 10%, you get **130.2090, 16.1660, -51.9263**, and if you desaturate by 10%, it is **142.1250, 10.2914, -34.3126**.

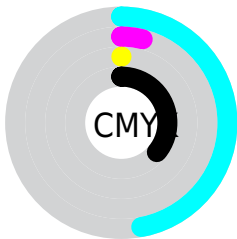
Distribution



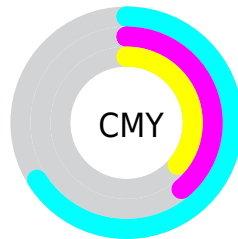
- Red (34%)
- Green (61%)
- Blue (64%)



- Red (34%)
- Yellow (48%)
- Blue (64%)



- Cyan (47%)
- Magenta (4%)
- Yellow (0%)
- Black (36%)



- Cyan (66%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1670, 13.2287, -43.1195 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 136.1670, 13.2287, -43.1195 by changing the saturation by 10% instead.

■ 136.1670, 13.2287,
-43.1195

■ 136.1670, 13.2287,
-43.1195

255.0000, 0.0000,
0.0000

■ 109.8680, 13.3761,
-43.7342

■ 191.1670, 13.2287,
-43.1195

■ 82.9600, 13.8237,
-47.3229

■ 218.8680, 13.3761,
-43.7342

■ 56.8780, 14.8501,
-49.8820

■ 237.9570, 8.4022,
-35.0423

■ 40.7550, 11.4598,
-35.7421

■ 246.6280, 4.1274,
-17.2138

■ 25.3330, 8.2168,
-22.2170

■ 4.2690, 8.7414,
-3.7439

■ 0.0000, 0.0000,

0.0000

■ 136.1670, 13.2287,
-43.1195

■ 136.1670, 13.2287,
-43.1195

■ 130.2090, 16.1660,
-51.9263

■ 142.1250, 10.2914,
-34.3126

■ 124.5390, 18.9613,
-61.8627

■ 147.7950, 7.4961,
-24.3762

■ 118.5810, 21.8986,
-70.6695

■ 153.7530, 4.5588,
-15.5694

■ 113.2100, 24.5465,
-79.9912

■ 159.1240, 1.9109,
-6.2477

■ 107.2520, 27.4838,
-88.7980

■ 165.3810, -1.1738,
3.1739

■ 105.4580, 28.3682,
-92.4867

■ 170.7520, -3.8217,
12.4955

■ 176.7100, -6.7590,
21.3023

■ 182.0810, -9.4069,
30.6240

■ 188.3380,
-12.4916, 40.0456

Harmonies

Analogous

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



136.8770, 3.0186, -34.9721



136.1670, 13.2287, -43.1195



138.5080, 19.4696, -38.1565

Triad

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



136.1670, 13.2287, -43.1195



148.2270, 9.2551, 18.2179



144.7510, -19.1042, 14.2504

Complementary

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



136.1670, 13.2287, -43.1195



113.8330, -13.2287, 43.1195

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.



146.2240, -16.3794, 26.9906



136.1670, 13.2287, -43.1195



148.4860, -0.2396, 30.2688

Square

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



136.1670, 13.2287, -43.1195



147.2400, 16.1507, -0.2105



147.3910, -9.5598, 32.9831



142.4500, -15.9978, -2.1486

Rectangle

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



136.1670, 13.2287, -43.1195



141.8020, 20.3106, -27.8904



147.3910, -9.5598, 32.9831



144.8980, -18.6837, 19.3835

Sweetspot

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



136.1670, 13.2287, -43.1195



201.2690, 5.2904, -16.8989



132.2960, -19.3729, -39.7246



100.4440, 3.2321, -10.0364



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.



136.1670, 13.2287, -43.1195



169.9620, 20.7247, -67.4957



114.4480, 23.9361, -24.0719



78.7220, 1.6161, -5.0182



94.0140, 25.1361, -82.4503



11.4440, 3.2321, -10.0364

Inverse Universe

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



117.5900, 18.9361, 39.8246



140.8930, 29.6328, 62.3608



135.5520, -23.9361, 24.0719



76.6030, 2.1677, 4.7332



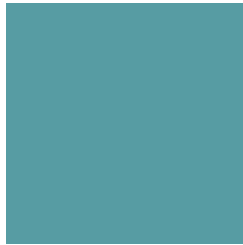
58.4030, 36.2833, 75.9456



7.2060, 4.3354, 9.4663

Previews

White Background



This preview shows how the YUV color 136.1670, 13.2287, -43.1195 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 136.1670, 13.2287, -43.1195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

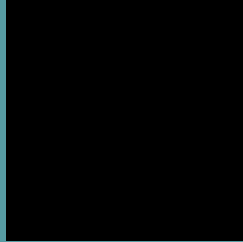
Any Text WCAG AA ✓ Pass

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 136.1670, 13.2287, -43.1195 Background



This preview shows how black text looks on a background with the YUV color 136.1670, 13.2287, -43.1195.

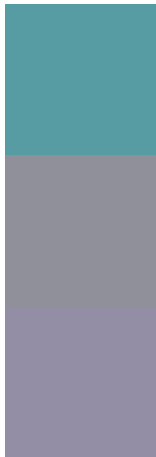


This preview shows how white text looks on a background with the YUV color 136.1670, 13.2287, -43.1195.

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

136.1670, 13.2287, -43.1195

Protanopia

145.2540, 4.8048, -1.0998

Deuteranopia

145.9430, 9.8881, 1.8040



Tritanopia

136.7480, 15.4072, -41.8750

Trichromacy



Original Color

136.1670, 13.2287, -43.1195

Protanomaly

141.6650, 8.0532, -16.3692

Deuteranomaly

142.1860, 11.2473, -14.1951

Tritanomaly

136.2210, 14.6810, -42.2898

Monochromacy



Original Color

136.1670, 13.2287, -43.1195

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8670, 4.9956, -15.6694

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1670, 13.2287, -43.1195 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(87, 156, 163)` looks like.

```
.text, #text, p{  
    color:rgb(87, 156, 163)  
}
```

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(87, 156, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 156, 163) }
```

Border

The CSS property to change the border of an element to YUV 136.1670, 13.2287, -43.1195 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(87, 156, 163) }
```


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

```
.border{ border-color:rgb(87, 156, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 156, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 156, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 156, 163);  
box-shadow:4px 4px 4px 4px rgb(87, 156,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 136.1670, 13.2287, -43.1195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 156, 163) }
```

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

```
.background{ background-color: rgb(87, 156,  
163) }
```

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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