

Converting Colors

YUV(136.2550, 13.1853,
-29.1646)

Have a look what the booklet for
YUV(136.2550, 13.1853, -29.1646)
contains.

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Color

**YUV(136.2550, 13.1853,
-29.1646)**

Conversions

Conversions Part 1

Format	Color
Hex	6794A3
RGB	103, 148, 163
RGB Percent	40%, 58%, 64%
CMY	0.5961, 0.4196, 0.3608
CMYK	0.37, 0.09, 0.00, 0.36
HSL	195°, 25%, 52%
HSV	195°, 37%, 64%
XYZ	22.7943, 26.7077, 38.6040
YIQ	136.2550, -31.6350, -4.8750

Conversions

Conversions Part 2

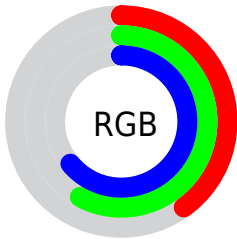
Format	Color
R_{YB}	103, 129, 163
Decimal	6788259
CIE _{Lab}	58.70, -11.35, -12.76
CIE _{LCh}	59, 17.073, 228.340
Yxy	26.7077, 0.2587, 0.3031
Android (android.graphics.Color)	4284978339 (0xFF6794A3)
YUV	136.2550, 13.1853, -29.1646
Hunter-Lab	51.6795, -11.7081, -8.1133

Details

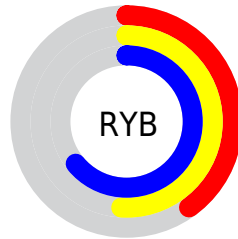
The YUV color $136.2550, 13.1853, -29.1646$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $129.7450, -13.1853, 29.1646$, and the grayscale version is $136.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.0700, 13.7695, -29.8794$, and $85.1410, 12.7485, -29.0647$ is the 20% darker color. If you saturate the color by 10%, you get $129.1230, 16.7014, -36.9419$, and if you desaturate by 10%, it is $143.3870, 9.6692, -21.3874$.

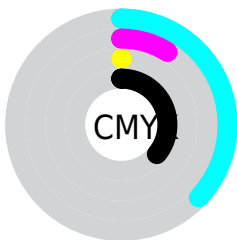
Distribution



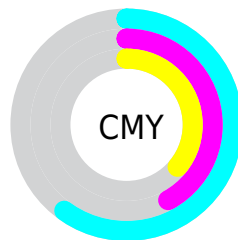
- Red (40%)
- Green (58%)
- Blue (64%)



- Red (40%)
- Yellow (51%)
- Blue (64%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2550, 13.1853, -29.1646 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 136.2550, 13.1853, -29.1646 by changing the saturation by 10% instead.

■ 136.2550, 13.1853,
-29.1646

■ 136.2550, 13.1853,
-29.1646

■ 255.0000, 0.0000,
0.0000

■ 110.2550, 13.1853,
-29.1646

■ 190.0700, 13.7695,
-29.8794

■ 85.1410, 12.7485,
-29.0647

■ 218.0700, 13.7695,
-29.8794

■ 60.2440, 13.1907,
-30.9090

■ 242.1430, 6.3385,
-26.4354

■ 37.2330, 13.1961,
-32.6533

■ 250.8140, 2.0637,
-8.6069

■ 22.3980, 9.6638,
-19.6430

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 136.2550, 13.1853,
-29.1646

■ 136.2550, 13.1853,
-29.1646

■ 129.1230, 16.7014,
-36.9419

■ 143.3870, 9.6692,
-21.3874

■ 121.6920, 20.3648,
-45.3339

■ 150.8180, 6.0057,
-12.9954

■ 114.5600, 23.8809,
-53.1111

■ 157.9500, 2.4897,
-5.2181

■ 107.4280, 27.3970,
-60.8884

■ 165.0820, -1.0264,
2.5591

■ 100.2960, 30.9131,
-68.6656

■ 172.5130, -4.6899,
10.9511

■ 92.8650, 34.5766,
-77.0576

■ 179.6450, -8.2060,
18.7283

■ 90.1960, 35.8924,
-79.1019

■ 187.3640,
-12.0115, 25.9908

■ 194.4960,
-15.5275, 33.7680

■ 201.9270,
-19.1910, 42.1600

Harmonies

Analogous

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



135.3490, 7.2229, -30.1241



136.2550, 13.1853, -29.1646



138.8910, 15.3367, -19.1984

Triad

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



136.2550, 13.1853, -29.1646



144.0010, 1.9715, 21.0471



139.5800, -13.1039, 2.9993

Complementary

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



136.2550, 13.1853, -29.1646



129.7450, -13.1853, 29.1646

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.



141.0160, -14.3049, 14.8950



136.2550, 13.1853, -29.1646



143.3730, -5.6069, 25.1059

Square

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



136.2550, 13.1853, -29.1646



143.3570, 8.6980, 10.2109



142.7550, -11.7112, 23.0169



137.7570, -8.2612, -10.3109

Rectangle

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



136.2550, 13.1853, -29.1646



140.8320, 14.8728, -10.3767



142.7550, -11.7112, 23.0169



140.3740, -13.9884, 6.6880

Sweetspot

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



136.2550, 13.1853, -29.1646



201.3020, 5.2741, -11.6659



139.9300, -10.8115, -32.3876



101.0530, 2.9319, -7.0625



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.



136.2550, 13.1853, -29.1646



170.1050, 20.6542, -44.8191



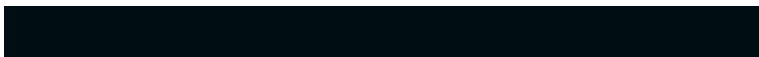
119.2320, 21.5776, -14.2355



78.1350, 1.9054, -4.5034



80.5130, 31.7921, -70.6099



9.6830, 4.1003, -8.4920

Inverse Universe

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



126.0700, 10.8115, 32.3876



154.6730, 16.4302, 50.2758



147.3550, -21.8670, 13.7207



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 136.2550, 13.1853, -29.1646 looks on a white background.

Color Contrast Check

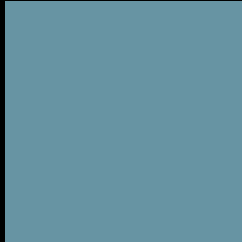
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.2550, 13.1853, -29.1646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

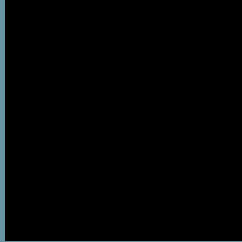
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.2550, 13.1853, -29.1646

Background



This preview shows how black text looks on a background with the YUV color 136.2550, 13.1853, -29.1646.



This preview shows how white text looks on a background with the YUV color 136.2550, 13.1853, -29.1646.

-29.1646.

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

136.2550, 13.1853, -29.1646

Protanopia

141.4540, 8.1572, -3.0292

Deuteranopia

141.6870, 11.4933, 0.2745



Tritanopia

135.6140, 12.0223, -29.4795

Trichromacy



Original Color

136.2550, 13.1853, -29.1646

Protanomaly

139.5560, 10.0789, -12.7656

Deuteranomaly

139.7350, 11.9626, -10.2916

Tritanomaly

135.7280, 12.4591, -29.5795

Monochromacy



Original Color

136.2550, 13.1853, -29.1646

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9000, 4.9793, -10.4363

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2550, 13.1853, -29.1646 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(103, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(103, 148, 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(103, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 148, 163) }
```

Border

The CSS property to change the border of an element to YUV 136.2550, 13.1853, -29.1646 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(103, 148, 163) }
```


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

```
.border{ border-color:rgb(103, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(103, 148,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 136.2550, 13.1853, -29.1646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 148, 163) }
```

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

```
.background{ background-color: rgb(103,  
148, 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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