

Converting Colors

YUV(136.1360, 30.4990,
-29.0603)

Have a look what the booklet for
YUV(136.1360, 30.4990, -29.0603)
contains.

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Color

**YUV(136.1360, 30.4990,
-29.0603)**

Conversions

Conversions Part 1

Format	Color
Hex	678DC6
RGB	103, 141, 198
RGB Percent	40%, 55%, 78%
CMY	0.5961, 0.4471, 0.2235
CMYK	0.48, 0.29, 0.00, 0.22
HSL	216°, 45%, 59%
HSV	216°, 48%, 78%
XYZ	25.3114, 26.0105, 57.1126
YIQ	136.1360, -40.9450, 9.6710

Conversions

Conversions Part 2

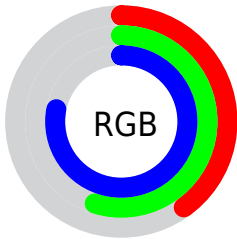
Format	Color
R_{YB}	103, 130, 198
Decimal	6786502
CIE _{Lab}	58.05, 2.52, -33.63
CIE _{LCh}	58, 33.721, 274.278
Yxy	26.0105, 0.2334, 0.2399
Android (android.graphics.Color)	4284976582 (0xFF678DC6)
YUV	136.1360, 30.4990, -29.0603
Hunter-Lab	51.0005, -0.6618, -30.6951

Details

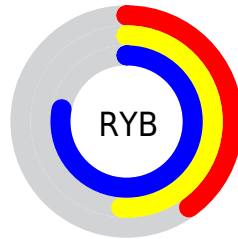
The YUV color **136.1360, 30.4990, -29.0603** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **164.8640, -30.4990, 29.0603**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1900, 31.9513, -28.2306**, and **83.5870, 29.7836, -32.9638** is the 20% darker color. If you saturate the color by 10%, you get **123.1120, 36.9198, -35.1782**, and if you desaturate by 10%, it is **149.1600, 24.0781, -22.9423**.

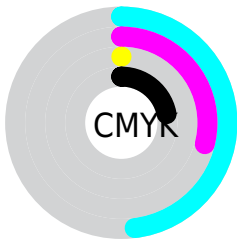
Distribution



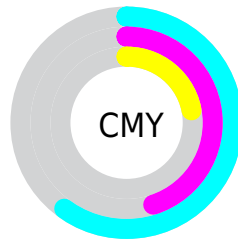
- Red (40%)
- Green (55%)
- Blue (78%)



- Red (40%)
- Yellow (51%)
- Blue (78%)



- Cyan (48%)
- Magenta (29%)
- Yellow (0%)
- Black (22%)



- Cyan (60%)
- Magenta (45%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.1360, 30.4990, -29.0603 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 136.1360, 30.4990, -29.0603 by changing the saturation by 10% instead.

■ 136.1360, 30.4990,
-29.0603

■ 136.1360, 30.4990,
-29.0603

255.0000, 0.0000,
0.0000

■ 110.0110, 30.0676,
-30.7046

■ 190.1900, 31.9513,
-28.2306

■ 83.5870, 29.7836,
-32.9638

■ 215.2970, 19.5736,
-24.8165

■ 55.4610, 30.8317,
-42.5003

■ 240.6920, 7.0538,
-22.5319

■ 37.6040, 27.3102,
-32.9787

■ 252.0100, 1.4741,
-6.1478

■ 23.1280, 22.6149,
-20.2833

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 136.1360, 30.4990,
-29.0603

■ 136.1360, 30.4990,
-29.0603

■ 123.1120, 36.9198,
-35.1782

■ 149.1600, 24.0781,
-22.9423

■ 110.0880, 43.3406,
-41.2962

■ 162.1840, 17.6573,
-16.8244

■ 97.3630, 49.6140,
-46.7994

■ 174.9090, 11.3839,
-11.3212

■ 84.3390, 56.0349,
-52.9173

■ 187.9330, 4.9630,
-5.2032

■ 71.9020, 62.1663,
-59.5501

■ 200.3700, -1.1684,
1.4295

■ 68.9450, 63.6241,
-60.4648

■ 213.3940, -7.5892,
7.5475

■ 226.4180,
-14.0101, 13.6654

■ 237.3490,
-19.3991, 15.4799

■ 244.3930,
-22.8717, 9.3023

Harmonies

Analogous

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



123.4040, 33.8178, -67.0063



136.1360, 30.4990, -29.0603



141.9940, 22.6810, 5.2673

Triad

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



136.1360, 30.4990, -29.0603



141.0570, -16.2971, 47.3080



128.7060, -7.7431, -36.5762

Complementary

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



136.1360, 30.4990, -29.0603



164.8640, -30.4990, 29.0603

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.



133.9130, -21.6491, -9.5707



136.1360, 30.4990, -29.0603



139.4610, -25.8633, 35.5527

Square

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



136.1360, 30.4990, -29.0603



142.2000, -3.0566, 47.1826



137.0580, -28.1296, 15.7351



120.1440, 11.2680, -67.6553

Rectangle

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



136.1360, 30.4990, -29.0603



143.1660, 15.2012, 24.4104



137.0580, -28.1296, 15.7351



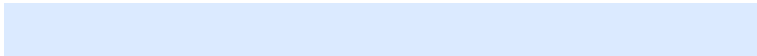
130.9800, -13.3011, -27.1695

Sweetspot

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



136.1360, 30.4990, -29.0603



231.9090, 11.3839, -11.3212



165.2630, -2.5947, -54.6047



113.2040, 7.2944, -6.3179



0.0000, 0.0000, 0.0000



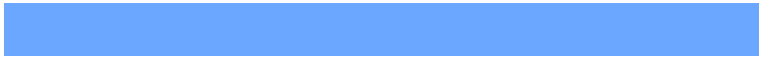
128.0000, 0.0000, 0.0000

Same Dimension

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



136.1360, 30.4990, -29.0603



158.5050, 47.5720, -45.1699



116.5210, 40.1691, -3.9649



92.7870, 3.0630, -2.4442



56.7370, 52.3877, -49.7583



12.3220, 11.6733, -10.8064

Inverse Universe

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



135.7370, 2.5947, 54.6047



157.9780, 3.9548, 85.0883



184.4790, -40.1691, 3.9649



93.0330, -0.0163, 5.2331



56.1470, 4.3645, 93.7101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 136.1360, 30.4990, -29.0603 looks on a white background.

Color Contrast Check

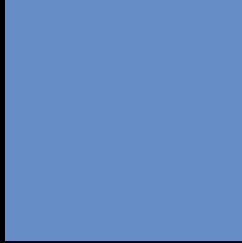
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.1360, 30.4990, -29.0603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

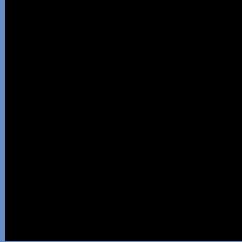
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

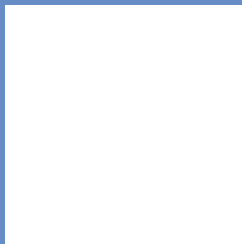
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 136.1360, 30.4990, -29.0603

Background



This preview shows how black text looks on a background with the YUV color 136.1360, 30.4990, -29.0603.



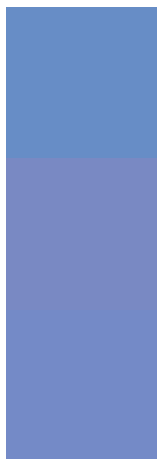
This preview shows how white text looks on a background with the YUV color 136.1360, 30.4990, -29.0603.

-29.0603.

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

136.1360, 30.4990, -29.0603

Protanopia

138.8280, 27.6928, -15.6352

Deuteranopia

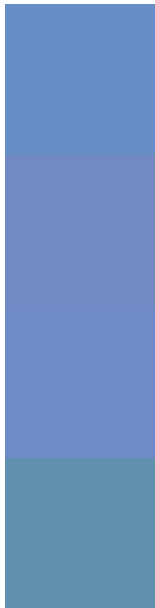
138.3760, 29.8876, -19.6238



Tritanopia

132.3250, 13.6438, -36.2420

Trichromacy



Original Color

136.1360, 30.4990, -29.0603

Protanomaly

137.4360, 28.8721, -20.5534

Deuteranomaly

137.4680, 30.3353, -23.2124

Tritanomaly

133.3560, 20.0375, -33.6382

Monochromacy



Original Color

136.1360, 30.4990, -29.0603

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.2080, 11.2365, -10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.1360, 30.4990, -29.0603 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, 141, 198)` looks like.

```
.text, #text, p{  
    color:rgb(103, 141, 198)  
}
```

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, 141, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 141, 198) }
```

Border

The CSS property to change the border of an element to YUV 136.1360, 30.4990, -29.0603 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, 141, 198) }
```


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

```
.border{ border-color:rgb(103, 141, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 141, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 141, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 141, 198);  
box-shadow:4px 4px 4px 4px rgb(103, 141,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 136.1360, 30.4990, -29.0603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 141, 198) }
```

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

```
.background{ background-color: rgb(103,  
141, 198) }
```

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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