

Converting Colors

YUV(137.1360, 30.4990,
-29.0603)

Have a look what the booklet for
YUV(137.1360, 30.4990, -29.0603)
contains.

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Color

**YUV(137.1360, 30.4990,
-29.0603)**

Conversions

Conversions Part 1

Format	Color
Hex	688EC7
RGB	104, 142, 199
RGB Percent	41%, 56%, 78%
CMY	0.5922, 0.4431, 0.2196
CMYK	0.48, 0.29, 0.00, 0.22
HSL	216°, 46%, 59%
HSV	216°, 48%, 78%
XYZ	25.6907, 26.4126, 57.7769
YIQ	137.1360, -40.9450, 9.6710

Conversions

Conversions Part 2

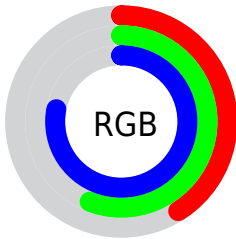
Format	Color
R_{YB}	104, 131, 199
Decimal	6852295
CIE _{Lab}	58.43, 2.48, -33.60
CIE _{LCh}	58, 33.687, 274.219
Yxy	26.4126, 0.2338, 0.2404
Android (android.graphics.Color)	4285042375 (0xFF688EC7)
YUV	137.1360, 30.4990, -29.0603
Hunter-Lab	51.3932, -0.7084, -30.6794

Details

The YUV color **137.1360, 30.4990, -29.0603** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **165.8640, -30.4990, 29.0603**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0760, 31.5145, -28.1307**, and **84.8860, 29.6362, -32.3490** is the 20% darker color. If you saturate the color by 10%, you get **124.1120, 36.9198, -35.1782**, and if you desaturate by 10%, it is **150.1600, 24.0781, -22.9423**.

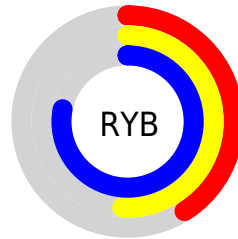
Distribution



Red (41%)

Green (56%)

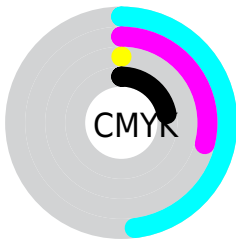
Blue (78%)



Red (41%)

Yellow (51%)

Blue (78%)

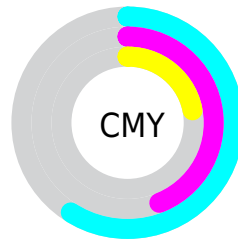


Cyan (48%)

Magenta (29%)

Yellow (0%)

Black (22%)



Cyan (59%)

Magenta (44%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1360, 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 137.1360, 30.4990, -29.0603 by changing the saturation by 10% instead.

■ 137.1360, 30.4990,
-29.0603

■ 137.1360, 30.4990,
-29.0603

255.0000, 0.0000,
0.0000

■ 111.0110, 30.0676,
-30.7046

■ 191.0760, 31.5145,
-28.1307

■ 84.8860, 29.6362,
-32.3490

■ 216.1830, 19.1368,
-24.7165

■ 56.7600, 30.6843,
-41.8855

■ 241.8770, 6.4696,
-21.8171

■ 38.3050, 27.4576,
-33.5935

■ 252.3090, 1.3267,
-5.5330

■ 23.8290, 22.7623,
-20.8980

■ 7.7060, 19.3719,
-6.7582

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 137.1360, 30.4990,
-29.0603

■ 137.1360, 30.4990,
-29.0603

■ 124.1120, 36.9198,
-35.1782

■ 150.1600, 24.0781,
-22.9423

■ 111.0880, 43.3406,
-41.2962

■ 163.1840, 17.6573,
-16.8244

■ 98.0640, 49.7614,
-47.4141

■ 176.2080, 11.2365,
-10.7064

■ 85.0400, 56.1823,
-53.5321

■ 189.2320, 4.8156,
-4.5885

■ 72.0160, 62.6031,
-59.6500

■ 202.2560, -1.6052,
1.5295

■ 69.6460, 63.7715,
-61.0795

■ 214.9810, -7.8786,
7.0327

■ 228.0050,
-14.2995, 13.1506

■ 238.6370,
-19.5410, 14.3504

■ 245.0940,
-22.7243, 8.6876

Harmonies

Analogous

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



124.4040, 33.8178, -67.0063



137.1360, 30.4990, -29.0603



142.9940, 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.



137.1360, 30.4990, -29.0603



142.0570, -16.2971, 47.3080



129.7060, -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.



137.1360, 30.4990, -29.0603



165.8640, -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.



134.9130, -21.6491, -9.5707



137.1360, 30.4990, -29.0603



140.4610, -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.



137.1360, 30.4990, -29.0603



143.2000, -3.0566, 47.1826



138.0580, -28.1296, 15.7351



121.4430, 11.1206, -67.0405

Rectangle

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



137.1360, 30.4990, -29.0603



144.1660, 15.2012, 24.4104



138.0580, -28.1296, 15.7351



131.9800, -13.3011, -27.1695

Sweetspot

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



137.1360, 30.4990, -29.0603



231.9090, 11.3839, -11.3212



166.2630, -2.5947, -54.6047



113.2040, 7.2944, -6.3179



0.0000, 0.0000, 0.0000



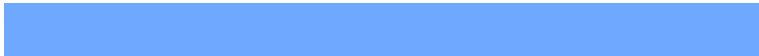
128.0000, 0.0000, 0.0000

Same Dimension

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



137.1360, 30.4990, -29.0603



160.5760, 46.5510, -44.3552



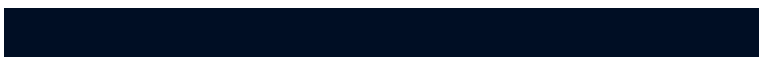
117.5210, 40.1691, -3.9649



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.



136.7370, 2.5947, 54.6047



159.9670, 3.9603, 83.3439



185.4790, -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 137.1360, 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 137.1360, 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 137.1360, 30.4990, -29.0603

Background



This preview shows how black text looks on a background with the YUV color 137.1360, 30.4990, -29.0603.



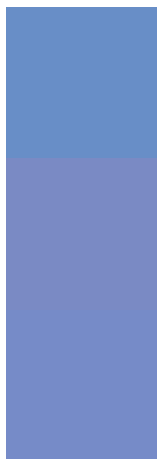
This preview shows how white text looks on a background with the YUV color 137.1360, 30.4990, -29.0603.

-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

137.1360, 30.4990, -29.0603

Protanopia

139.8280, 27.6928, -15.6352

Deuteranopia

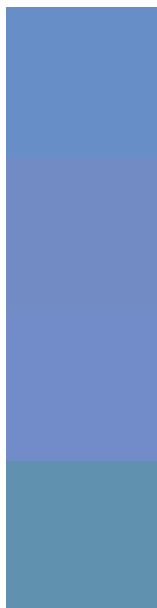
139.6750, 29.7402, -19.0090



Tritanopia

133.3250, 13.6438, -36.2420

Trichromacy



Original Color

137.1360, 30.4990, -29.0603

Protanomaly

138.4360, 28.8721, -20.5534

Deuteranomaly

138.7670, 30.1879, -22.5977

Tritanomaly

134.3560, 20.0375, -33.6382

Monochromacy



Original Color

137.1360, 30.4990, -29.0603

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.2080, 11.2365, -10.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1360, 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(104, 142, 199)` looks like.

```
.text, #text, p{  
    color:rgb(104, 142, 199)  
}
```

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(104, 142, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 142, 199) }
```

Border

The CSS property to change the border of an element to YUV 137.1360, 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(104, 142, 199) }
```


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

```
.border{ border-color:rgb(104, 142, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 142, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 142, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 142, 199);  
box-shadow:4px 4px 4px 4px rgb(104, 142,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 137.1360, 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(104, 142, 199) }
```

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

```
.background{ background-color: rgb(104,  
142, 199) }
```

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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