

Converting Colors

YUV(154.7230, 30.2096,
-29.5751)

Have a look what the booklet for
YUV(154.7230, 30.2096, -29.5751)
contains.

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Color

**YUV(154.7230, 30.2096,
-29.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	79A0D8
RGB	121, 160, 216
RGB Percent	47%, 63%, 85%
CMY	0.5255, 0.3725, 0.1529
CMYK	0.44, 0.26, 0.00, 0.15
HSL	215°, 55%, 66%
HSV	215°, 44%, 85%
XYZ	32.8506, 34.1644, 69.8287
YIQ	154.7230, -41.2200, 9.1480

Conversions

Conversions Part 2

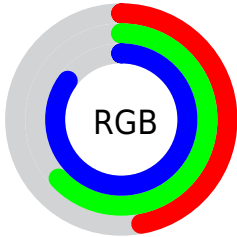
Format	Color
RYB	121, 149, 216
Decimal	7971032
CIELab	65.09, 1.35, -32.66
CIElCh	65, 32.686, 272.371
Yxy	34.1644, 0.2401, 0.2497
Android (android.graphics.Color)	4286161112 (0xFF79A0D8)
YUV	154.7230, 30.2096, -29.5751
Hunter-Lab	58.4503, -1.9664, -29.9166

Details

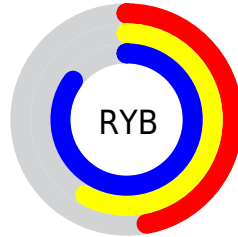
The YUV color **154.7230, 30.2096, -29.5751** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **182.2770, -30.2096, 29.5751**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1980, 23.0734, -27.3606**, and **102.0710, 29.0520, -31.6343** is the 20% darker color. If you saturate the color by 10%, you get **140.5140, 37.2146, -36.4078**, and if you desaturate by 10%, it is **168.9320, 23.2045, -22.7424**.

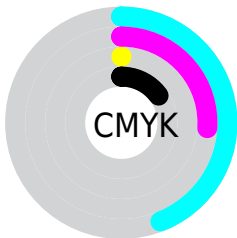
Distribution



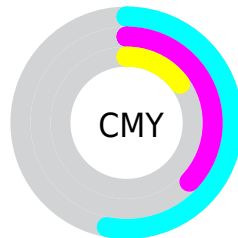
- Red (47%)
- Green (63%)
- Blue (85%)



- Red (47%)
- Yellow (58%)
- Blue (85%)



- Cyan (44%)
- Magenta (26%)
- Yellow (0%)
- Black (15%)



- Cyan (53%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.7230, 30.2096, -29.5751 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 154.7230, 30.2096, -29.5751 by changing the saturation by 10% instead.

■ 154.7230, 30.2096,
-29.5751

■ 154.7230, 30.2096,
-29.5751

■ 255.0000, 0.0000,
0.0000

■ 128.1960, 29.4834,
-29.9899

■ 208.1980, 23.0734,
-27.3606

■ 102.0710, 29.0520,
-31.6343

■ 233.0060, 10.8430,
-24.5613

■ 76.0490, 29.0628,
-35.1230

■ 249.0200, 2.9481,
-12.2955

■ 48.8200, 29.6687,
-42.8151

■ 33.0560, 25.1154,
-28.9901

■ 18.6940, 20.8569,
-16.3946

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 154.7230, 30.2096,
-29.5751

■ 154.7230, 30.2096,
-29.5751

■ 140.5140, 37.2146,
-36.4078

■ 168.9320, 23.2045,
-22.7424

■ 127.1910, 43.7828,
-43.1405

■ 182.2550, 16.6363,
-16.0096

■ 112.9820, 50.7879,
-49.9732

■ 196.4640, 9.6312,
-9.1769

■ 99.0720, 57.6455,
-56.1911

■ 210.3740, 2.7736,
-2.9590

■ 84.8630, 64.6505,
-63.0239

■ 224.5830, -4.2314,
3.8737

■ 76.8670, 68.5926,
-67.4124

■ 238.2050,
-10.9471, 11.2212

■ 247.0320,
-15.2988, 6.9879

■ 250.5540,
-17.0351, 3.8991

Harmonies

Analogous

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



144.8670, 31.6176, -61.2734



154.7230, 30.2096, -29.5751



160.9830, 22.6864, 3.5229

Triad

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



154.7230, 30.2096, -29.5751



159.5840, -15.5709, 47.7228



148.0870, -8.9169, -33.4023

Complementary

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



154.7230, 30.2096, -29.5751



182.2770, -30.2096, 29.5751

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.



152.8100, -22.0913, -7.7264



154.7230, 30.2096, -29.5751



158.2870, -25.2845, 36.5823

Square

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



154.7230, 30.2096, -29.5751



161.7160, -2.3250, 45.8531



156.0690, -28.1350, 17.4795



142.3900, 8.1887, -59.9780

Rectangle

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



154.7230, 30.2096, -29.5751



162.2690, 15.6434, 22.5661



156.0690, -28.1350, 17.4795



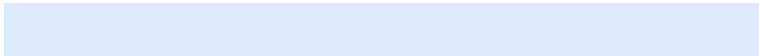
150.0620, -14.3276, -24.6104

Sweetspot

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



154.7230, 30.2096, -29.5751



233.3930, 10.6523, -9.9917



183.0350, -3.4683, -54.4047



114.0900, 6.8576, -6.2179



0.0000, 0.0000, 0.0000



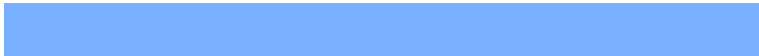
128.0000, 0.0000, 0.0000

Same Dimension

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



154.7230, 30.2096, -29.5751



167.6750, 43.0512, -41.8110



134.2220, 40.3166, -4.5797



100.1890, 3.3578, -3.6738



60.5840, 54.4351, -53.1322



15.4680, 13.5733, -13.5654

Inverse Universe

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



153.8510, 3.0315, 54.5047



166.6350, 4.1239, 77.4961



202.7780, -40.3166, 4.5797



99.8590, 0.5625, 6.2627



59.1090, 5.3693, 98.1284



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 154.7230, 30.2096, -29.5751 looks on a white background.

Color Contrast Check

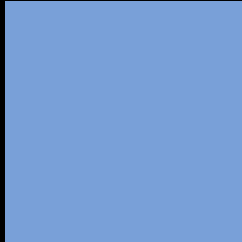
Large Text (above 18pt) WCAG AA × Fail

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 154.7230, 30.2096, -29.5751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

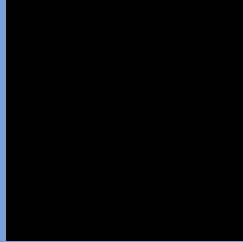
Any Text WCAG AA ✓ Pass

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 154.7230, 30.2096, -29.5751 Background



This preview shows how black text looks on a background with the YUV color 154.7230, 30.2096, -29.5751.



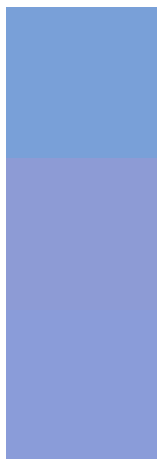
This preview shows how white text looks on a background with the YUV color 154.7230, 30.2096, -29.5751.

-29.5751.

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

154.7230, 30.2096, -29.5751

Protanopia

157.4260, 27.3980, -14.4056

Deuteranopia

157.5720, 29.2980, -17.1646



Tritanopia

151.7380, 13.9332, -35.7272

Trichromacy



Original Color

154.7230, 30.2096, -29.5751

Protanomaly

156.6210, 28.2878, -19.8386

Deuteranomaly

156.3650, 29.8931, -21.3681

Tritanomaly

152.6550, 19.8901, -33.0234

Monochromacy



Original Color

154.7230, 30.2096, -29.5751

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0940, 10.7997, -10.6064

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.7230, 30.2096, -29.5751 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(121, 160, 216)` looks like.

```
.text, #text, p{  
    color:rgb(121, 160, 216)  
}
```

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(121, 160, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 160, 216) }
```

Border

The CSS property to change the border of an element to YUV 154.7230, 30.2096, -29.5751 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(121, 160, 216) }
```


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

```
.border{ border-color:rgb(121, 160, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 160, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 160, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 160, 216); box-shadow:4px 4px 4px 4px rgb(121, 160, 216) }
```

Background

The CSS property to change the background color of an element to YUV 154.7230, 30.2096, -29.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 160, 216) }
```

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

```
.background{ background-color: rgb(121,  
160, 216) }
```

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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