

Converting Colors

YUV(162.4270, -64.7935,
15.4115)

Have a look what the booklet for
YUV(162.4270, -64.7935, 15.4115)
contains.

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Color

**YUV(162.4270, -64.7935,
15.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	B4B31F
RGB	180, 179, 31
RGB Percent	71%, 70%, 12%
CMY	0.2941, 0.2980, 0.8784
CMYK	0.00, 0.01, 0.83, 0.29
HSL	60°, 71%, 41%
HSV	60°, 83%, 71%
XYZ	35.1898, 42.0424, 7.5566
YIQ	162.4270, 48.1040, -45.8160

Conversions

Conversions Part 2

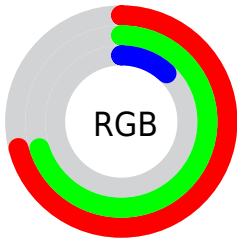
Format	Color
R_{YB}	32, 180, 31
Decimal	11842335
CIE _{Lab}	70.90, -15.54, 67.64
CIE _{LCh}	71, 69.400, 102.940
Yxy	42.0424, 0.4150, 0.4958
Android (android.graphics.Color)	4290032415 (0xFFB4B31F)
YUV	162.4270, -64.7935, 15.4115
Hunter-Lab	64.8401, -16.5953, 38.4783

Details

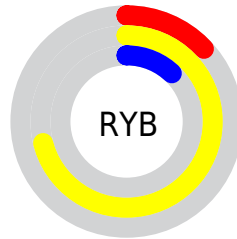
The YUV color **162.4270, -64.7935, 15.4115** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **48.5730, 64.7935, -15.4115**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8940, -63.0517, 16.7560**, and **111.3260, -54.8837, 10.2381** is the 20% darker color. If you saturate the color by 10%, you get **160.3750, -72.6559, 17.2111**, and if you desaturate by 10%, it is **164.4790, -56.9311, 13.6119**.

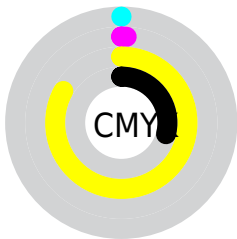
Distribution



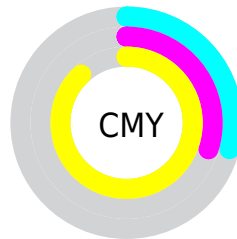
- Red (71%)
- Green (70%)
- Blue (12%)



- Red (13%)
- Yellow (71%)
- Blue (12%)



- Cyan (0%)
- Magenta (1%)
- Yellow (83%)
- Black (29%)



- Cyan (29%)
- Magenta (30%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4270, -64.7935, 15.4115 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 162.4270, -64.7935, 15.4115 by changing the saturation by 10% instead.

■ 162.4270,
-64.7935, 15.4115

■ 162.4270,
-64.7935, 15.4115

■ 255.0000, 0.0000,
0.0000

■ 134.3730,
-66.2459, 14.5819

■ 219.8940,
-63.0517, 16.7560

■ 111.3260,
-54.8837, 10.2381

■ 239.4960,
-59.4045, 13.5970

■ 88.5780, -43.6690,
6.5091

■ 242.6880,
-47.1742, 10.7976

■ 66.1180, -32.5962,
1.6505

■ 245.9940,
-34.5070, 7.8983

■ 44.8430, -22.1076,
-2.4933

■ 249.1860,
-22.2767, 5.0989

■ 25.0410, -12.3452,
-7.0520

■ 252.4920, -9.6096,

■ 3.5220, -1.7363,

2.1995

-3.0888

■ 0.0000, 0.0000,
0.0000

■ 162.4270,
-64.7935, 15.4115

■ 162.4270,
-64.7935, 15.4115

■ 160.3750,
-72.6559, 17.2111

■ 164.4790,
-56.9311, 13.6119

■ 158.8930,
-78.3342, 18.5108

■ 166.5310,
-49.0688, 11.8123

■ 168.5830,
-41.2064, 10.0127

■ 170.6350,
-33.3441, 8.2131

■ 173.2740,
-25.7711, 5.8987

■ 175.3260,
-17.9087, 4.0991

■ 177.3780,
-10.0464, 2.2995

■ 179.4300, -2.1840,
0.4999

■ 181.4820, 5.6784,
-1.2997

Harmonies

Analogous

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



167.3260, -61.2927, 59.3501



162.4270, -64.7935, 15.4115



154.3180, -39.5968, -39.7439

Triad

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



162.4270, -64.7935, 15.4115



147.0570, 53.2159, -128.9690



170.2660, 20.5749, 74.3117

Complementary

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



162.4270, -64.7935, 15.4115



48.5730, 64.7935, -15.4115

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.



177.5730, 38.1715, 30.1925



162.4270, -64.7935, 15.4115



141.1870, 56.1098, -123.8210

Square

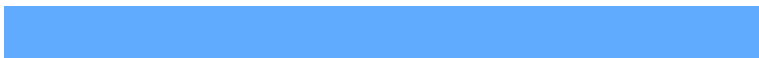
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



162.4270, -64.7935, 15.4115



142.5480, 28.3238, -125.0146



158.4500, 47.5992, -53.8916



159.5620, -5.2071, 83.6991

Rectangle

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



162.4270, -64.7935, 15.4115



129.6950, -8.2306, -113.7425



158.4500, 47.5992, -53.8916



176.6550, 27.2851, 68.7086

Sweetspot

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



162.4270, -64.7935, 15.4115



227.6870, -25.4817, 6.4135



75.7790, -21.0900, 91.4018



113.0100, -15.2879, 3.4992



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



162.4270, -64.7935, 15.4115



207.2640, -101.1952, 24.3245



141.4860, -54.4696, -29.3672



87.9740, -3.9312, 0.8998



134.9710, -66.5407, 15.8114



22.4490, -11.0674, 3.1142

Inverse Universe

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



48.5730, 64.7935, -15.4115



29.7360, 101.1952, -24.3245



69.5140, 54.4696, 29.3672



81.0260, 3.9312, -0.8998



18.0290, 66.5407, -15.8114



2.9640, 11.3567, -2.5994

Previews

White Background



This preview shows how the YUV color 162.4270, -64.7935, 15.4115 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 162.4270, -64.7935, 15.4115 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 162.4270, -64.7935, 15.4115

Background



This preview shows how black text looks on a background with the YUV color 162.4270, -64.7935, 15.4115.



This preview shows how white text looks on a background with the YUV color 162.4270, -64.7935,

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

162.4270, -64.7935, 15.4115

Protanopia

163.8630, -65.9945, 27.3071

Deuteranopia

166.5970, -62.4123, 45.0804



Tritanopia

175.9570, 1.9932, 14.0697

Trichromacy



Original Color

162.4270, -64.7935, 15.4115

Protanomaly

163.5420, -65.8362, 23.2037

Deuteranomaly

165.0040, -63.1060, 34.1995

Tritanomaly

170.9530, -22.1618, 14.9502

Monochromacy



Original Color

162.4270, -64.7935, 15.4115

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.1430, -23.7345, 6.0136

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4270, -64.7935, 15.4115 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(180, 179, 31)` looks like.

```
.text, #text, p{  
    color:rgb(180, 179, 31)  
}
```

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(180, 179, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 179, 31) }
```

Border

The CSS property to change the border of an element to YUV 162.4270, -64.7935, 15.4115 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(180, 179, 31) }
```


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

```
.border{ border-color:rgb(180, 179, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 179, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 179, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 179, 31);  
box-shadow:4px 4px 4px 4px rgb(180, 179,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 162.4270, -64.7935, 15.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 179, 31) }
```

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

```
.background{ background-color: rgb(180,  
179, 31) }
```

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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