

Converting Colors

YUV(110.8150, 50.8702,
-29.6558)

Have a look what the booklet for
YUV(110.8150, 50.8702, -29.6558)
contains.

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Color

**YUV(110.8150, 50.8702,
-29.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6CD6
RGB	77, 108, 214
RGB Percent	30%, 42%, 84%
CMY	0.6980, 0.5765, 0.1608
CMYK	0.64, 0.50, 0.00, 0.16
HSL	226°, 63%, 57%
HSV	226°, 64%, 84%
XYZ	20.5607, 17.1579, 65.8465
YIQ	110.8150, -52.5020, 26.3940

Conversions

Conversions Part 2

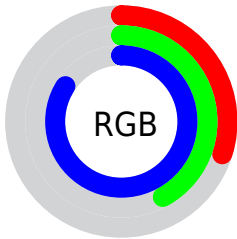
Format	Color
RYB	77, 102, 214
Decimal	5074134
CIELab	48.46, 22.31, -57.99
CIElCh	48, 62.138, 291.042
Yxy	17.1579, 0.1985, 0.1657
Android (android.graphics.Color)	4283264214 (0xFF4D6CD6)
YUV	110.8150, 50.8702, -29.6558
Hunter-Lab	41.4221, 16.1134, -65.2545

Details

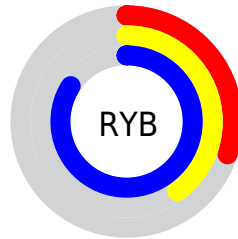
The YUV color **110.8150, 50.8702, -29.6558** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **180.1850, -50.8702, 29.6558**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6650, 45.0282, -22.5082**, and **53.8190, 51.3612, -47.1993** is the 20% darker color. If you saturate the color by 10%, you get **94.5570, 58.8854, -33.8145**, and if you desaturate by 10%, it is **127.0730, 42.8550, -25.4970**.

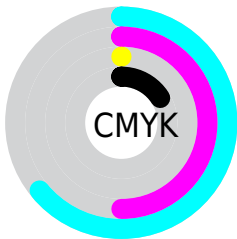
Distribution



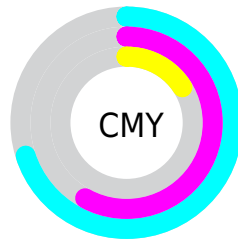
- Red (30%)
- Green (42%)
- Blue (84%)



- Red (30%)
- Yellow (40%)
- Blue (84%)



- Cyan (64%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (70%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8150, 50.8702, -29.6558 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 110.8150, 50.8702, -29.6558 by changing the saturation by 10% instead.

■ 110.8150, 50.8702,
-29.6558

■ 110.8150, 50.8702,
-29.6558

255.0000, 0.0000,
0.0000

■ 82.4720, 51.0393,
-37.2479

■ 163.6650, 45.0282,
-22.5082

■ 53.8190, 51.3612,
-47.1993

■ 188.4840, 32.7924,
-17.9645

■ 38.5280, 46.0817,
-33.7891

■ 213.3030, 20.5566,
-13.4207

■ 24.9980, 39.9340,
-21.9232

■ 239.2960, 7.7421,
-9.9066

■ 9.2340, 35.3806,
-8.0982

■ 9.4330, 23.4505,
-8.2727

■ 5.0500, 14.2723,

-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 110.8150, 50.8702,
-29.6558

■ 110.8150, 50.8702,
-29.6558

■ 94.5570, 58.8854,
-33.8145

■ 127.0730, 42.8550,
-25.4970

■ 78.5870, 66.7586,
-39.1028

■ 143.0430, 34.9818,
-20.2087

■ 62.3290, 74.7738,
-43.2615

■ 159.3010, 26.9666,
-16.0500

■ 52.5720, 79.5840,
-46.1056

■ 175.2710, 19.0934,
-10.7617

■ 191.5290, 11.0782,
-6.6029

■ 207.2000, 3.3524,
-1.9294

■ 223.7570, -4.8102,
2.8441

■ 239.4280,
-12.5360, 7.5176

■ 250.3260,
-17.9087, 4.0991

Harmonies

Analogous

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



98.9280, 59.1955, -86.7599



110.8150, 50.8702, -29.6558



117.3200, 31.8872, 39.1844

Triad

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



110.8150, 50.8702, -29.6558



109.1680, -38.0438, 69.1357



92.0640, 2.4334, -80.7401

Complementary

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



110.8150, 50.8702, -29.6558



180.1850, -50.8702, 29.6558

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.



89.8500, -23.0970, -58.6274



110.8150, 50.8702, -29.6558



108.2570, -53.3707, 38.3626

Square

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



110.8150, 50.8702, -29.6558



106.9340, -12.7855, 87.7579



103.2970, -50.9254, 0.6165



98.8070, 25.7311, -86.6537

Rectangle

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



110.8150, 50.8702, -29.6558



112.3640, 18.5545, 68.9638



103.2970, -50.9254, 0.6165



89.4250, -5.1395, -78.4257

Sweetspot

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



110.8150, 50.8702, -29.6558



218.9290, 17.7830, -10.4617



169.3890, 6.2172, -81.0252



105.5290, 11.0782, -6.6029



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.



110.8150, 50.8702, -29.6558



107.1720, 72.8792, -42.2468



103.6810, 54.3873, 9.0498



99.0150, 3.9366, -2.6442



42.3870, 63.4062, -37.1734



10.7720, 15.8884, -9.4470

Inverse Universe

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



121.4970, -6.6540, 81.1251



122.6200, -9.6727, 116.0973



187.3190, -54.3873, -9.0498



99.6310, -0.3111, 6.4626



55.5750, -8.1715, 101.2277



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 110.8150, 50.8702, -29.6558 looks on a white background.

Color Contrast Check

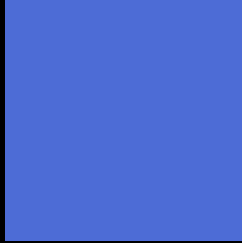
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 110.8150, 50.8702, -29.6558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

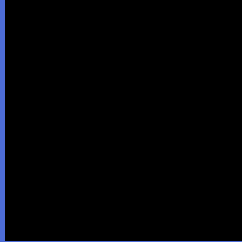
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.8150, 50.8702, -29.6558

Background



This preview shows how black text looks on a background with the YUV color 110.8150, 50.8702, -29.6558.



This preview shows how white text looks on a background with the YUV color 110.8150, 50.8702, -29.6558.

-29.6558.

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

110.8150, 50.8702, -29.6558

Protanopia

106.6390, 54.4080, -44.4104

Deuteranopia

92.1630, 56.1216, -80.8270



Tritanopia

98.8490, 18.8084, -59.5036

Trichromacy



Original Color

110.8150, 50.8702, -29.6558

Protanomaly

108.3300, 53.0813, -38.8774

Deuteranomaly

99.1160, 54.1728, -62.3687

Tritanomaly

103.0150, 30.5586, -48.2482

Monochromacy



Original Color

110.8150, 50.8702, -29.6558

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0430, 18.2198, -10.5617

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8150, 50.8702, -29.6558 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(77, 108, 214)` looks like.

```
.text, #text, p{  
    color:rgb(77, 108, 214)  
}
```

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(77, 108, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 108, 214) }
```

Border

The CSS property to change the border of an element to YUV 110.8150, 50.8702, -29.6558 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(77, 108, 214) }
```


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

```
.border{ border-color:rgb(77, 108, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 108, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 108, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 108, 214);  
box-shadow:4px 4px 4px 4px rgb(77, 108,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 110.8150, 50.8702, -29.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 108, 214) }
```

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

```
.background{ background-color: rgb(77, 108,  
214) }
```

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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