

Converting Colors

YUV(82.5110, 48.5551,
-33.7741)

Have a look what the booklet for
YUV(82.5110, 48.5551, -33.7741)
contains.

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Color

**YUV(82.5110, 48.5551,
-33.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	2C53B5
RGB	44, 83, 181
RGB Percent	17%, 33%, 71%
CMY	0.8275, 0.6745, 0.2902
CMYK	0.76, 0.54, 0.00, 0.29
HSL	223°, 61%, 44%
HSV	223°, 76%, 71%
XYZ	12.4725, 10.0582, 45.0001
YIQ	82.5110, -54.7020, 22.2100

Conversions

Conversions Part 2

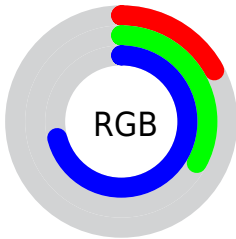
Format	Color
R _Y B	44, 74, 181
Decimal	2905013
CIE Lab	37.95, 21.55, -55.96
CIE LCh	38, 59.971, 291.063
Yxy	10.0582, 0.1847, 0.1489
Android (android.graphics.Color)	4281095093 (0xFF2C53B5)
YUV	82.5110, 48.5551, -33.7741
Hunter-Lab	31.7146, 14.6983, -61.9267

Details

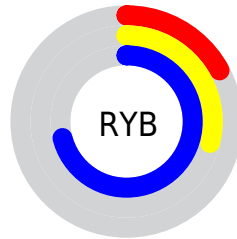
The YUV color **82.5110, 48.5551, -33.7741** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **142.4890, -48.5551, 33.7741**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2070, 49.6909, -24.7375**, and **37.3710, 44.1871, -32.7744** is the 20% darker color. If you saturate the color by 10%, you get **69.4980, 54.9705, -38.1477**, and if you desaturate by 10%, it is **95.5240, 42.1397, -29.4005**.

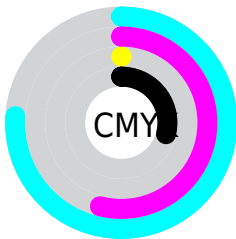
Distribution



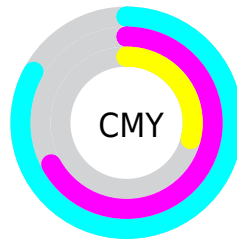
- Red (17%)
- Green (33%)
- Blue (71%)



- Red (17%)
- Yellow (29%)
- Blue (71%)



- Cyan (76%)
- Magenta (54%)
- Yellow (0%)
- Black (29%)



- Cyan (83%)
- Magenta (67%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.5110, 48.5551, -33.7741 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 82.5110, 48.5551, -33.7741 by changing the saturation by 10% instead.

■ 82.5110, 48.5551,
-33.7741

■ 82.5110, 48.5551,
-33.7741

■ 255.0000, 0.0000,
0.0000

■ 52.7760, 49.9034,
-46.2846

■ 137.2070, 49.6909,
-24.7375

■ 37.3710, 44.1871,
-32.7744

■ 163.3770, 45.1701,
-21.3786

■ 23.8410, 38.0394,
-20.9086

■ 187.8970, 33.0818,
-17.4497

■ 8.7780, 33.6334,
-7.6983

■ 212.7160, 20.8460,
-12.9059

■ 8.9770, 21.7033,
-7.8728

■ 238.7090, 8.0315,
-9.3918

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,

-0.2000

■ 0.0000, 0.0000,
0.0000

■ 82.5110, 48.5551,
-33.7741

■ 82.5110, 48.5551,
-33.7741

■ 69.4980, 54.9705,
-38.1477

■ 95.5240, 42.1397,
-29.4005

■ 56.4850, 61.3859,
-42.5213

■ 108.5370, 35.7243,
-25.0269

■ 51.1580, 64.0121,
-44.8656

■ 121.5500, 29.3088,
-20.6533

■ 134.5630, 22.8934,
-16.2798

■ 147.8750, 16.3306,
-11.2914

■ 160.8880, 9.9152,
-6.9178

■ 173.9010, 3.4998,
-2.5442

■ 186.9140, -2.9156,
1.8294

■ 199.9270, -9.3310,
6.2030

Harmonies

Analogous

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



79.9040, 52.3053, -70.0758



82.5110, 48.5551, -33.7741



90.1410, 30.0035, 36.7103

Triad

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



82.5110, 48.5551, -33.7741



81.4770, -36.7172, 63.6027



72.3050, 0.3426, -63.4115

Complementary

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



82.5110, 48.5551, -33.7741



142.4890, -48.5551, 33.7741

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.



63.8010, -22.0869, -55.9535



82.5110, 48.5551, -33.7741



84.3130, -41.5663, 32.1745

Square

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



82.5110, 48.5551, -33.7741



76.2370, -8.9908, 83.9842



79.9620, -39.4213, -2.5977



78.5920, 21.8931, -68.9252

Rectangle

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



82.5110, 48.5551, -33.7741



83.1680, 19.1442, 66.5047



79.9620, -39.4213, -2.5977



69.7800, -6.7935, -61.1971

Sweetspot

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



82.5110, 48.5551, -33.7741



195.9610, 19.2462, -13.1208



135.3630, 2.2860, -80.1254



93.6320, 11.5204, -8.4473



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.



82.5110, 48.5551, -33.7741



81.2030, 75.8219, -52.7980



67.6910, 55.8613, 2.9020



82.7870, 3.0630, -2.4442



43.2700, 54.0969, -37.9478



7.0730, 9.3310, -6.2030

Inverse Universe

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



89.4090, -3.1596, 80.3253



91.9400, -4.9004, 125.4636



157.3090, -55.8613, -2.9020



83.0330, -0.0163, 5.2331



50.7630, -3.3342, 89.6618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 82.5110, 48.5551, -33.7741 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 82.5110, 48.5551, -33.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

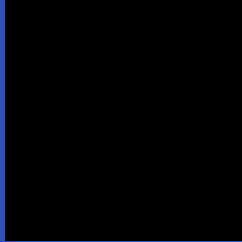
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.5110, 48.5551, -33.7741

Background



This preview shows how black text looks on a background with the YUV color 82.5110, 48.5551, -33.7741.



This preview shows how white text looks on a background with the YUV color 82.5110, 48.5551,

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

82.5110, 48.5551, -33.7741

Protanopia

71.2300, 54.6096, -62.4687

Deuteranopia

71.4290, 42.6795, -62.6432



Tritanopia

70.1970, 17.6509, -61.5628

Trichromacy



Original Color

82.5110, 48.5551, -33.7741

Protanomaly

75.4270, 52.5405, -52.1175

Deuteranomaly

75.3640, 44.6835, -52.0622

Tritanomaly

74.5370, 28.8223, -51.3369

Monochromacy



Original Color

82.5110, 48.5551, -33.7741

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9180, 17.7884, -12.2061

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.5110, 48.5551, -33.7741 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(44, 83, 181)` looks like.

```
.text, #text, p{  
    color:rgb(44, 83, 181)  
}
```

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(44, 83, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 83, 181) }
```

Border

The CSS property to change the border of an element to YUV 82.5110, 48.5551, -33.7741 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(44, 83, 181) }
```


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

```
.border{ border-color:rgb(44, 83, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 83, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 83, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 83, 181);  
box-shadow:4px 4px 4px 4px rgb(44, 83,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 82.5110, 48.5551, -33.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 83, 181) }
```

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

```
.background{ background-color: rgb(44, 83,  
181) }
```

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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