

Converting Colors

YUV(110.8090, 33.1252,
-31.4045)

Have a look what the booklet for
YUV(110.8090, 33.1252, -31.4045)
contains.

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Color

**YUV(110.8090, 33.1252,
-31.4045)**

Conversions

Conversions Part 1

Format	Color
Hex	4B74B2
RGB	75, 116, 178
RGB Percent	29%, 45%, 70%
CMY	0.7059, 0.5451, 0.3020
CMYK	0.58, 0.35, 0.00, 0.30
HSL	216°, 41%, 50%
HSV	216°, 58%, 70%
XYZ	17.1829, 17.2010, 44.5340
YIQ	110.8090, -44.3380, 10.5900

Conversions

Conversions Part 2

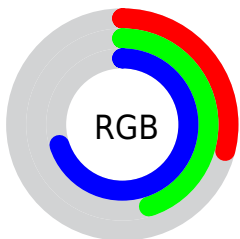
Format	Color
R _Y B	75, 104, 178
Decimal	4945074
CIE Lab	48.51, 4.65, -37.23
CIE LCh	49, 37.520, 277.118
Yxy	17.2010, 0.2177, 0.2180
Android (android.graphics.Color)	4283135154 (0xFF4B74B2)
YUV	110.8090, 33.1252, -31.4045
Hunter-Lab	41.4741, 1.3738, -34.6325

Details

The YUV color **110.8090, 33.1252, -31.4045** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **142.1910, -33.1252, 31.4045**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.4610, 34.2827, -29.3453**, and **54.1660, 34.9212, -47.5036** is the 20% darker color. If you saturate the color by 10%, you get **98.9700, 38.9618, -36.8077**, and if you desaturate by 10%, it is **122.6480, 27.2885, -26.0013**.

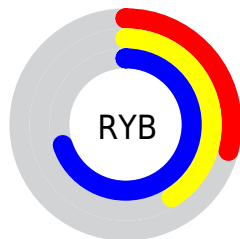
Distribution



Red (29%)

Green (45%)

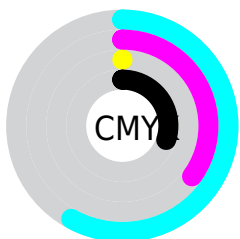
Blue (70%)



Red (29%)

Yellow (41%)

Blue (70%)

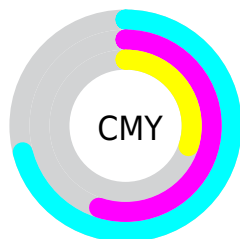


Cyan (58%)

Magenta (35%)

Yellow (0%)

Black (30%)



Cyan (71%)

Magenta (55%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8090, 33.1252, -31.4045 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 110.8090, 33.1252, -31.4045 by changing the saturation by 10% instead.

■ 110.8090, 33.1252,
-31.4045

■ 110.8090, 33.1252,
-31.4045

■ 255.0000, 0.0000,
0.0000

■ 84.6730, 32.6992,
-34.7932

■ 164.4610, 34.2827,
-29.3453

■ 54.1660, 34.9212,
-47.5036

■ 191.0760, 31.5145,
-28.1307

■ 38.9890, 30.0784,
-34.1934

■ 216.1830, 19.1368,
-24.7165

■ 24.3990, 24.9463,
-21.3979

■ 241.2900, 6.7590,
-21.3023

■ 8.2760, 21.5559,
-7.2581

■ 252.3090, 1.3267,
-5.5330

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,

0.0000

■ 110.8090, 33.1252,
-31.4045

■ 110.8090, 33.1252,
-31.4045

■ 98.9700, 38.9618,
-36.8077

■ 122.6480, 27.2885,
-26.0013

■ 87.7180, 44.5090,
-42.7257

■ 133.9000, 21.7413,
-20.0833

■ 76.1780, 50.1982,
-47.5141

■ 145.4400, 16.0521,
-15.2949

■ 64.3390, 56.0349,
-52.9173

■ 157.2790, 10.2155,
-9.8917

■ 61.9690, 57.2033,
-54.3468

■ 169.1180, 4.3788,
-4.4885

■ 180.3700, -1.1684,
1.4295

■ 192.2090, -7.0050,
6.8327

■ 203.7490,
-12.6943, 11.6211

■ 215.0010,
-18.2415, 17.5391

Harmonies

Analogous

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



93.0970, 39.3922, -81.6461



110.8090, 33.1252, -31.4045



118.2440, 23.5437, 8.5560

Triad

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



110.8090, 33.1252, -31.4045



115.3130, -17.9023, 48.8375



100.8080, -5.8213, -46.3126

Complementary

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



110.8090, 33.1252, -31.4045



142.1910, -33.1252, 31.4045

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.



107.7770, -22.0751, -12.9594



110.8090, 33.1252, -31.4045



114.1790, -28.1892, 34.9230

Square

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



110.8090, 33.1252, -31.4045



116.1080, -3.5042, 50.7713



111.7650, -30.4501, 13.3611



90.8050, 15.3791, -79.6360

Rectangle

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



110.8090, 33.1252, -31.4045



118.9000, 15.3323, 29.0287



111.7650, -30.4501, 13.3611



103.8760, -12.2639, -33.2173

Sweetspot

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



110.8090, 33.1252, -31.4045



206.2510, 12.6943, -11.6211



142.5290, -2.7258, -59.2229



101.9050, 7.4418, -6.9327



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.



110.8090, 33.1252, -31.4045



127.8080, 51.3667, -48.9436



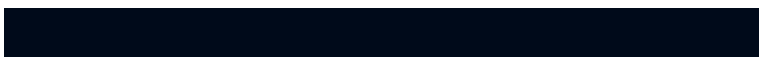
89.7320, 43.5161, -4.1500



83.3740, 2.7736, -2.9590



53.2490, 49.1772, -46.6994



8.8340, 8.4628, -7.7474

Inverse Universe

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



110.4710, 2.7258, 59.2229



127.1360, 4.3700, 91.9657



163.2680, -43.5161, 4.1500



83.1470, 0.4205, 5.1331



52.7010, 4.0914, 87.9622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 110.8090, 33.1252, -31.4045 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 110.8090, 33.1252, -31.4045 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 110.8090, 33.1252, -31.4045 Background



This preview shows how black text looks on a background with the YUV color 110.8090, 33.1252, -31.4045.

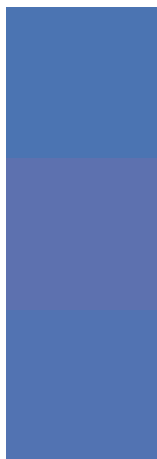


This preview shows how white text looks on a background with the YUV color 110.8090, 33.1252, -31.4045.

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

110.8090, 33.1252, -31.4045

Protanopia

114.0880, 30.0296, -18.4942

Deuteranopia

112.3150, 32.3827, -26.5863



Tritanopia

105.8080, 14.3917, -42.8046

Trichromacy



Original Color

110.8090, 33.1252, -31.4045

Protanomaly

112.6960, 31.2089, -23.4124

Deuteranomaly

111.4180, 32.8249, -28.4306

Tritanomaly

107.9640, 21.2167, -38.5564

Monochromacy



Original Color

110.8090, 33.1252, -31.4045

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0230, 11.8207, -11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8090, 33.1252, -31.4045 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(75, 116, 178)` looks like.

```
.text, #text, p{  
    color:rgb(75, 116, 178)  
}
```

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(75, 116, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 116, 178) }
```

Border

The CSS property to change the border of an element to YUV 110.8090, 33.1252, -31.4045 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(75, 116, 178) }
```


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

```
.border{ border-color:rgb(75, 116, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 116, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 116, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 116, 178);  
box-shadow:4px 4px 4px 4px rgb(75, 116,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 110.8090, 33.1252, -31.4045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 116, 178) }
```

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

```
.background{ background-color: rgb(75, 116,  
178) }
```

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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