

Converting Colors

YUV(113.8090, 33.1252,
-31.4045)

Have a look what the booklet for
YUV(113.8090, 33.1252, -31.4045)
contains.

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Color

**YUV(113.8090, 33.1252,
-31.4045)**

Conversions

Conversions Part 1

Format	Color
Hex	4E77B5
RGB	78, 119, 181
RGB Percent	31%, 47%, 71%
CMY	0.6941, 0.5333, 0.2902
CMYK	0.57, 0.34, 0.00, 0.29
HSL	216°, 41%, 51%
HSV	216°, 57%, 71%
XYZ	18.0792, 18.1495, 46.2664
YIQ	113.8090, -44.3380, 10.5900

Conversions

Conversions Part 2

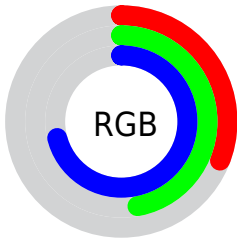
Format	Color
R_{YB}	78, 107, 181
Decimal	5142453
CIE _{Lab}	49.68, 4.46, -37.12
CIE _{LCh}	50, 37.391, 276.853
Yxy	18.1495, 0.2192, 0.2200
Android (android.graphics.Color)	4283332533 (0xFF4E77B5)
YUV	113.8090, 33.1252, -31.4045
Hunter-Lab	42.6023, 1.1963, -34.5678

Details

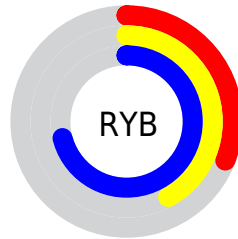
The YUV color **113.8090, 33.1252, -31.4045** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **145.1910, -33.1252, 31.4045**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4610, 34.2827, -29.3453**, and **58.0630, 34.4789, -45.6593** is the 20% darker color. If you saturate the color by 10%, you get **101.9700, 38.9618, -36.8077**, and if you desaturate by 10%, it is **125.6480, 27.2885, -26.0013**.

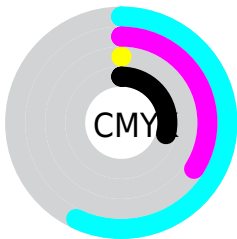
Distribution



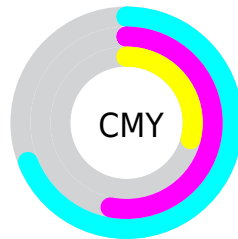
- Red (31%)
- Green (47%)
- Blue (71%)



- Red (31%)
- Yellow (42%)
- Blue (71%)



- Cyan (57%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



- Cyan (69%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8090, 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 113.8090, 33.1252, -31.4045 by changing the saturation by 10% instead.

■ 113.8090, 33.1252,
-31.4045

■ 113.8090, 33.1252,
-31.4045

■ 255.0000, 0.0000,
0.0000

■ 87.0860, 32.9886,
-34.2784

■ 167.4610, 34.2827,
-29.3453

■ 58.0630, 34.4789,
-45.6593

■ 193.7340, 30.2041,
-27.8307

■ 40.3910, 30.3732,
-35.4229

■ 218.8410, 17.8264,
-24.4166

■ 25.9150, 25.6779,
-22.7275

■ 244.5350, 5.1592,
-21.5172

■ 8.0310, 23.1557,
-7.0432

■ 253.2060, 0.8844,
-3.6887

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 113.8090, 33.1252,
-31.4045

■ 113.8090, 33.1252,
-31.4045

■ 101.9700, 38.9618,
-36.8077

■ 125.6480, 27.2885,
-26.0013

■ 90.1310, 44.7984,
-42.2109

■ 137.4870, 21.4519,
-20.5981

■ 78.2920, 50.6350,
-47.6141

■ 149.3260, 15.6153,
-15.1949

■ 66.4530, 56.4717,
-53.0173

■ 161.1650, 9.7787,
-9.7917

■ 62.8980, 58.2243,
-55.1615

■ 172.7160, 4.0840,
-3.2589

■ 184.5550, -1.7526,
2.1443

■ 196.3940, -7.5892,
7.5475

■ 208.2330,
-13.4259, 12.9507

■ 220.0720,
-19.2625, 18.3539

Harmonies

Analogous

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



95.2000, 39.8344, -83.4904



113.8090, 33.1252, -31.4045



120.9450, 23.6911, 7.9412

Triad

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



113.8090, 33.1252, -31.4045



118.3130, -17.9023, 48.8375



103.8190, -5.8268, -44.5683

Complementary

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



113.8090, 33.1252, -31.4045



145.1910, -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.



110.7770, -22.0751, -12.9594



113.8090, 33.1252, -31.4045



117.1790, -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.



113.8090, 33.1252, -31.4045



119.9940, -3.9410, 50.8713



114.7650, -30.4501, 13.3611



92.9080, 15.8214, -81.4803

Rectangle

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



113.8090, 33.1252, -31.4045



121.6010, 15.4797, 28.4139



114.7650, -30.4501, 13.3611



106.8760, -12.2639, -33.2173

Sweetspot

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



113.8090, 33.1252, -31.4045



208.9520, 12.8417, -12.2359



145.5290, -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.



113.8090, 33.1252, -31.4045



130.8080, 51.3667, -48.9436



92.7320, 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.



113.4710, 2.7258, 59.2229



130.1360, 4.3700, 91.9657



166.2680, -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 113.8090, 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 113.8090, 33.1252, -31.4045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

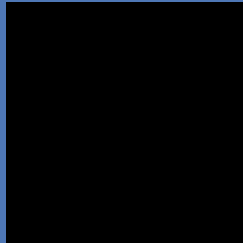
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.8090, 33.1252, -31.4045 Background



This preview shows how black text looks on a background with the YUV color 113.8090, 33.1252, -31.4045.

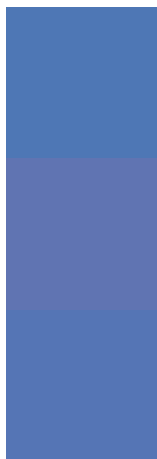


This preview shows how white text looks on a background with the YUV color 113.8090, 33.1252, -31.4045.

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

113.8090, 33.1252, -31.4045

Protanopia

117.0880, 30.0296, -18.4942

Deuteranopia

114.7280, 32.6721, -26.0715



Tritanopia

109.1070, 14.2442, -42.1898

Trichromacy



Original Color

113.8090, 33.1252, -31.4045

Protanomaly

115.6960, 31.2089, -23.4124

Deuteranomaly

114.4180, 32.8249, -28.4306

Tritanomaly

110.9640, 21.2167, -38.5564

Monochromacy



Original Color

113.8090, 33.1252, -31.4045

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0230, 11.8207, -11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8090, 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(78, 119, 181)` looks like.

```
.text, #text, p{  
    color:rgb(78, 119, 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(78, 119, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 119, 181) }
```

Border

The CSS property to change the border of an element to YUV 113.8090, 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(78, 119, 181) }
```


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

```
.border{ border-color:rgb(78, 119, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 119, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 119, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 119, 181);  
box-shadow:4px 4px 4px 4px rgb(78, 119,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 113.8090, 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(78, 119, 181) }
```

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

```
.background{ background-color: rgb(78, 119,  
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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