

Converting Colors

YUV(116.4330, 13.0975,
-47.7377)

Have a look what the booklet for
YUV(116.4330, 13.0975, -47.7377)
contains.

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Color

**YUV(116.4330, 13.0975,
-47.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	3E8B8F
RGB	62, 139, 143
RGB Percent	24%, 55%, 56%
CMY	0.7569, 0.4549, 0.4392
CMYK	0.57, 0.03, 0.00, 0.44
HSL	183°, 40%, 40%
HSV	183°, 57%, 56%
XYZ	16.1772, 21.4725, 29.2786
YIQ	116.4330, -47.1760, -15.0800

Conversions

Conversions Part 2

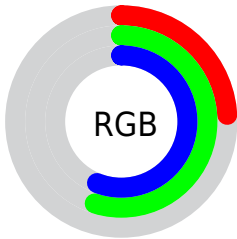
Format	Color
R _{YB}	62, 101, 143
Decimal	4098959
CIE Lab	53.46, -22.32, -9.33
CIE LCh	53, 24.187, 202.682
Yxy	21.4725, 0.2417, 0.3208
Android (android.graphics.Color)	4282289039 (0xFF3E8B8F)
YUV	116.4330, 13.0975, -47.7377
Hunter-Lab	46.3385, -18.7765, -5.0250




Details

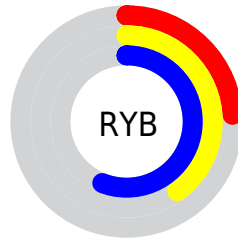
The YUV color **116.4330, 13.0975, -47.7377** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **88.5670, -13.0975, 47.7377**, and the grayscale version is **116.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **170.7320, 12.9501, -47.1230**, and **62.8450, 14.8664, -55.1151** is the 20% darker color. If you saturate the color by 10%, you get **111.6600, 15.4506, -55.8298**, and if you desaturate by 10%, it is **121.2060, 10.7444, -39.6457**.

Distribution







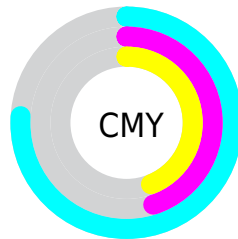
-  Red (24%)
-  Green (55%)
-  Blue (56%)






-  Red (24%)
-  Yellow (40%)
-  Blue (56%)



-  Cyan (57%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (76%)
-  Magenta (45%)
-  Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.4330, 13.0975, -47.7377 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 116.4330, 13.0975, -47.7377 by changing the saturation by 10% instead.

■ 116.4330, 13.0975,
-47.7377

■ 116.4330, 13.0975,
-47.7377

■ 255.0000, 0.0000,
0.0000

■ 88.9380, 13.8346,
-50.8116

■ 170.7320, 12.9501,
-47.1230

■ 62.8450, 14.8664,
-55.1151

■ 198.7320, 12.9501,
-47.1230

■ 46.0210, 11.3286,
-40.3604

■ 226.7320, 12.9501,
-47.1230

■ 30.0120, 8.3751,
-26.3205

■ 239.1530, 7.8126,
-32.5832

■ 15.2910, 5.2795,
-13.4102

■ 247.8240, 3.5378,
-14.7546

■ 0.0000, 0.0000,
0.0000

■ 116.4330, 13.0975,
-47.7377

■ 116.4330, 13.0975,
-47.7377

■ 111.6600, 15.4506,
-55.8298

■ 121.2060, 10.7444,
-39.6457

■ 107.1750, 17.6617,
-65.0515

■ 125.6910, 8.5333,
-30.4240

■ 102.4020, 20.0148,
-73.1436

■ 130.4640, 6.1802,
-22.3319

■ 97.6290, 22.3679,
-81.2356

■ 135.2370, 3.8272,
-14.2398

■ 96.1340, 23.1049,
-84.3095

■ 140.3090, 1.3267,
-5.5330

■ 144.4950, -0.7370,
3.0739

■ 149.2680, -3.0901,
11.1660

■ 154.0410, -5.4432,

19.2580

■ 158.5260, -7.6543,
28.4797

Harmonies

Analogous

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



118.8230, 1.5663, -35.8018



116.4330, 13.0975, -47.7377



118.1050, 20.6542, -44.8191

Triad

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



116.4330, 13.0975, -47.7377



130.6720, 11.0077, 16.0737



127.2460, -19.8413, 17.3243

Complementary

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



116.4330, 13.0975, -47.7377



88.5670, -13.0975, 47.7377

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.



128.8330, -16.6797, 29.9645



116.4330, 13.0975, -47.7377



130.9420, 1.5076, 29.8689

Square

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



116.4330, 13.0975, -47.7377



128.7880, 18.3455, -4.1991



129.7440, -8.2548, 34.4275



124.7170, -17.6085, 1.1252

Rectangle

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



116.4330, 13.0975, -47.7377



121.9260, 22.2215, -34.1381



129.7440, -8.2548, 34.4275



127.3930, -19.4207, 22.4573

Sweetspot

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



116.4330, 13.0975, -47.7377



176.1440, 4.8590, -18.5433



109.8890, -22.1303, -41.9987



87.7320, 3.0901, -11.1660



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



116.4330, 13.0975, -47.7377



144.8040, 20.3096, -74.3731



93.5400, 24.3838, -27.6606



68.9070, 1.0318, -4.3034



90.5260, 21.9257, -79.3913



5.0210, 1.4686, -4.4034

Inverse Universe

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



94.9970, 21.6935, 42.0986



111.3540, 33.8425, 65.4645



111.4600, -24.3838, 27.6606



66.8910, 2.0257, 3.6036



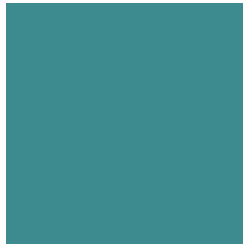
54.9570, 36.0102, 70.1977



3.1900, 1.8783, 4.2184

Previews

White Background



This preview shows how the YUV color 116.4330, 13.0975, -47.7377 looks on a white 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

Black Background



This preview shows how the YUV color 116.4330, 13.0975, -47.7377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

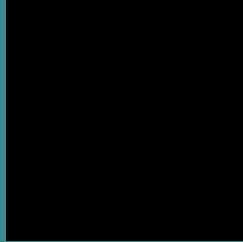
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.4330, 13.0975, -47.7377

Background



This preview shows how black text looks on a background with the YUV color 116.4330, 13.0975, -47.7377.



This preview shows how white text looks on a background with the YUV color 116.4330, 13.0975, -47.7377.

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

116.4330, 13.0975, -47.7377

Protanopia

127.3250, 3.7838, -0.2850

Deuteranopia

128.3020, 8.7251, 1.4891



Tritanopia

117.1280, 15.7129, -46.5933

Trichromacy



Original Color

116.4330, 13.0975, -47.7377

Protanomaly

123.4260, 7.1850, -17.9136

Deuteranomaly

123.6480, 10.5265, -16.3543

Tritanomaly

116.6010, 14.9867, -47.0081

Monochromacy



Original Color

116.4330, 13.0975, -47.7377

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8560, 5.0010, -17.4137

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4330, 13.0975, -47.7377 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(62, 139, 143)` looks like.

```
.text, #text, p{  
    color:rgb(62, 139, 143)  
}
```

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(62, 139, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 139, 143) }
```

Border

The CSS property to change the border of an element to YUV 116.4330, 13.0975, -47.7377 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(62, 139, 143) }
```


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

```
.border{ border-color:rgb(62, 139, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 139, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 139, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 139, 143);  
box-shadow:4px 4px 4px 4px rgb(62, 139,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 116.4330, 13.0975, -47.7377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 139, 143) }
```

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

```
.background{ background-color: rgb(62, 139,  
143) }
```

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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