

Converting Colors

YUV(117.2850, 17.6075,
-47.6079)

Have a look what the booklet for
YUV(117.2850, 17.6075, -47.6079)
contains.

YUV(117.2850, 17.6075, -47.6079)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.2850, 17.6075,
-47.6079)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8A99
RGB	63, 138, 153
RGB Percent	25%, 54%, 60%
CMY	0.7529, 0.4588, 0.4000
CMYK	0.59, 0.10, 0.00, 0.40
HSL	190°, 42%, 42%
HSV	190°, 59%, 60%
XYZ	16.8881, 21.5336, 33.4033
YIQ	117.2850, -49.5150, -11.2350

Conversions

Conversions Part 2

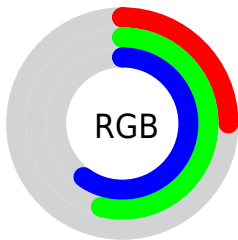
Format	Color
RYB	63, 104, 153
Decimal	4164249
CIELab	53.53, -18.60, -15.01
CIElCh	54, 23.901, 218.907
Yxy	21.5336, 0.2351, 0.2998
Android (android.graphics.Color)	4282354329 (0xFF3F8A99)
YUV	117.2850, 17.6075, -47.6079
Hunter-Lab	46.4043, -16.2453, -10.1958

Details

The YUV color **117.2850, 17.6075, -47.6079** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **98.7150, -17.6075, 47.6079**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8830, 17.3127, -46.3784**, and **63.2840, 19.0870, -55.5001** is the 20% darker color. If you saturate the color by 10%, you get **111.0390, 20.6868, -55.2852**, and if you desaturate by 10%, it is **123.5310, 14.5282, -39.9307**.

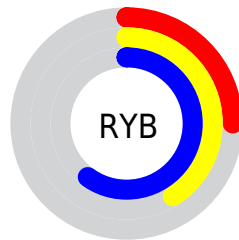
Distribution



Red (25%)

Green (54%)

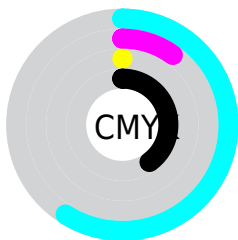
Blue (60%)



Red (25%)

Yellow (41%)

Blue (60%)

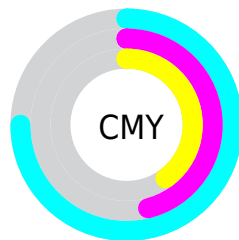


Cyan (59%)

Magenta (10%)

Yellow (0%)

Black (40%)



Cyan (75%)

Magenta (46%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.2850, 17.6075, -47.6079 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 117.2850, 17.6075, -47.6079 by changing the saturation by 10% instead.

■ 117.2850, 17.6075,
-47.6079

■ 117.2850, 17.6075,
-47.6079

■ 255.0000, 0.0000,
0.0000

■ 89.4910, 18.4919,
-51.2966

■ 171.8830, 17.3127,
-46.3784

■ 63.2840, 19.0870,
-55.5001

■ 199.9970, 17.7495,
-46.4784

■ 46.4600, 15.5492,
-40.7454

■ 226.9710, 13.8183,
-45.5786

■ 30.9240, 11.8695,
-27.1203

■ 239.7510, 7.5178,
-31.3536

■ 16.7900, 8.4845,
-14.7248

■ 248.4220, 3.2430,
-13.5251

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,

0.0000

■ 117.2850, 17.6075,
-47.6079

■ 117.2850, 17.6075,
-47.6079

■ 111.0390, 20.6868,
-55.2852

■ 123.5310, 14.5282,
-39.9307

■ 105.0810, 23.6241,
-64.0920

■ 129.4890, 11.5909,
-31.1239

■ 98.8350, 26.7033,
-71.7693

■ 135.7350, 8.5116,
-23.4466

■ 93.1760, 29.4932,
-79.9614

■ 141.3940, 5.7218,
-15.2545

■ 91.9910, 30.0774,
-80.6761

■ 147.6400, 2.6425,
-7.5773

■ 153.5980, -0.2948,
1.2296

■ 159.8440, -3.3741,
8.9068

■ 165.5030, -6.1640,
17.0989

■ 172.0480, -9.3907,
25.3909

Harmonies

Analogous

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



117.5000, 8.1345, -42.5345



117.2850, 17.6075, -47.6079



121.8010, 21.7901, -35.7825

Triad

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



117.2850, 17.6075, -47.6079



131.3480, 5.7444, 24.2508



126.3050, -19.3774, 8.5025

Complementary

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



117.2850, 17.6075, -47.6079



98.7150, -17.6075, 47.6079

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.



128.2190, -18.8420, 23.4869



117.2850, 17.6075, -47.6079



130.7700, -4.3236, 33.5277

Square

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



117.2850, 17.6075, -47.6079



130.2410, 14.6712, 7.6816



129.1800, -12.9067, 33.1681



123.5740, -14.0870, -8.3964

Rectangle

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



117.2850, 17.6075, -47.6079



125.4760, 21.4573, -22.3425



129.1800, -12.9067, 33.1681



126.6370, -19.5410, 14.3504

Sweetspot

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



117.2850, 17.6075, -47.6079



184.7140, 7.0430, -19.0432



117.5400, -19.4932, -47.8316



90.9600, 3.9637, -11.3659



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



117.2850, 17.6075, -47.6079



142.7530, 27.7298, -74.3284



90.8700, 30.6301, -24.4420



73.4340, 1.7580, -3.8886



84.6390, 27.2930, -74.2284



7.9390, 2.4951, -6.9625

Inverse Universe

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



98.4600, 19.4932, 47.8316



113.4970, 30.3210, 74.9861



125.1300, -30.6301, 24.4420



72.0760, 1.4415, 4.3183



55.1980, 30.4684, 74.3714



5.1410, 2.8885, 6.8923

Previews

White Background



This preview shows how the YUV color 117.2850, 17.6075, -47.6079 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 117.2850, 17.6075, -47.6079 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

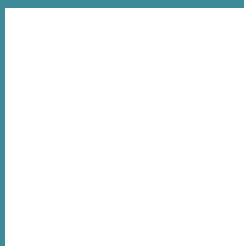
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 117.2850, 17.6075, -47.6079

Background



This preview shows how black text looks on a background with the YUV color 117.2850, 17.6075, -47.6079.



This preview shows how white text looks on a background with the YUV color 117.2850, 17.6075, -47.6079.

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

117.2850, 17.6075, -47.6079

Protanopia

127.5680, 8.5940, -3.1291

Deuteranopia

128.5340, 13.5407, -3.0993



Tritanopia

117.2310, 16.1551, -48.4376

Trichromacy



Original Color

117.2850, 17.6075, -47.6079

Protanomaly

123.6800, 11.9898, -19.0134

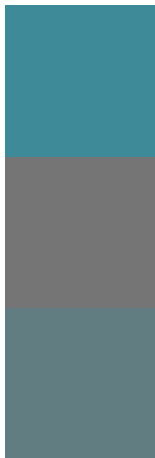
Deuteranomaly

124.4780, 15.0473, -19.7132

Tritanomaly

117.3450, 16.5919, -48.5376

Monochromacy



Original Color

117.2850, 17.6075, -47.6079

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1980, 6.3114, -17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.2850, 17.6075, -47.6079 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(63, 138, 153)` looks like.

```
.text, #text, p{  
    color:rgb(63, 138, 153)  
}
```

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(63, 138, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 138, 153) }
```

Border

The CSS property to change the border of an element to YUV 117.2850, 17.6075, -47.6079 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(63, 138, 153) }
```


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

```
.border{ border-color:rgb(63, 138, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 138, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 138, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 138, 153);  
box-shadow:4px 4px 4px 4px rgb(63, 138,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 117.2850, 17.6075, -47.6079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 138, 153) }
```

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

```
.background{ background-color: rgb(63, 138,  
153) }
```

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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