

Converting Colors

YUV(113.4130, 23.4604,
-58.2442)

Have a look what the booklet for
YUV(113.4130, 23.4604, -58.2442)
contains.

YUV(113.4130, 23.4604, -58.2442)	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(113.4130, 23.4604,
-58.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	2F8AA1
RGB	47, 138, 161
RGB Percent	18%, 54%, 63%
CMY	0.8157, 0.4588, 0.3686
CMYK	0.71, 0.14, 0.00, 0.37
HSL	192°, 55%, 41%
HSV	192°, 71%, 63%
XYZ	16.6938, 21.3545, 36.9602
YIQ	113.4130, -61.6190, -12.1390

Conversions

Conversions Part 2

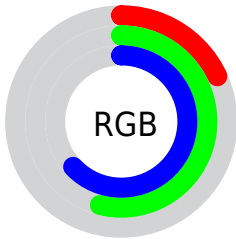
Format	Color
R _Y B	47, 98, 161
Decimal	3115681
CIE Lab	53.34, -18.85, -19.97
CIE LCh	53, 27.461, 226.658
Yxy	21.3545, 0.2226, 0.2847
Android (android.graphics.Color)	4281305761 (0xFF2F8AA1)
YUV	113.4130, 23.4604, -58.2442
Hunter-Lab	46.2109, -16.3857, -15.0734

Details

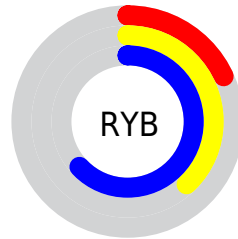
The YUV color **113.4130, 23.4604, -58.2442** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **94.5870, -23.4604, 58.2442**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.6200, 22.8653, -54.0407**, and **64.0820, 22.1446, -56.1999** is the 20% darker color. If you saturate the color by 10%, you get **106.8680, 26.6871, -66.5362**, and if you desaturate by 10%, it is **119.9580, 20.2337, -49.9522**.

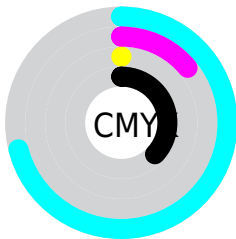
Distribution



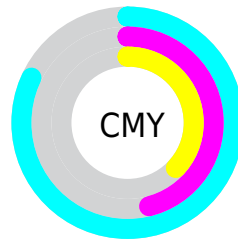
- Red (18%)
- Green (54%)
- Blue (63%)



- Red (18%)
- Yellow (38%)
- Blue (63%)



- Cyan (71%)
- Magenta (14%)
- Yellow (0%)
- Black (37%)



- Cyan (82%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4130, 23.4604, -58.2442 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 113.4130, 23.4604, -58.2442 by changing the saturation by 10% instead.

■ 113.4130, 23.4604,
-58.2442

■ 113.4130, 23.4604,
-58.2442

■ 255.0000, 0.0000,
0.0000

■ 81.1340, 26.5559,
-71.1545

■ 169.6200, 22.8653,
-54.0407

■ 64.0820, 22.1446,
-56.1999

■ 197.9190, 22.7179,
-53.4260

■ 47.2580, 18.6068,
-41.4453

■ 224.2800, 15.1450,
-51.1116

■ 31.7220, 14.9271,
-27.8202

■ 237.0600, 8.8444,
-36.8866

■ 17.4740, 11.1053,
-15.3247

■ 245.7310, 4.5696,
-19.0581

■ 2.6390, 7.5730,
-2.3144

■ 254.7010, 0.1474,

■ 0.0000, 0.0000,

-0.6148

0.0000

■ 113.4130, 23.4604,
-58.2442

■ 113.4130, 23.4604,
-58.2442

■ 106.8680, 26.6871,
-66.5362

■ 119.9580, 20.2337,
-49.9522

■ 100.3230, 29.9138,
-74.8283

■ 126.5030, 17.0070,
-41.6601

■ 94.0770, 32.9930,
-82.5055

■ 133.6350, 13.4909,
-33.8829

■ 140.1800, 10.2643,
-25.5909

■ 147.0240, 6.8902,
-16.6840

■ 153.5690, 3.6635,
-8.3920

■ 160.7010, 0.1474,
-0.6148

■ 167.2460, -3.0793,
7.6773

■ 173.7910, -6.3060,
15.9693

Harmonies

Analogous

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



112.7910, 13.4140, -55.9447



113.4130, 23.4604, -58.2442



121.1150, 25.5793, -37.8119

Triad

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



113.4130, 23.4604, -58.2442



130.9360, 3.9756, 31.6281



124.5280, -20.9663, 4.7989

Complementary

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



113.4130, 23.4604, -58.2442



94.5870, -23.4604, 58.2442

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.



126.7090, -22.0415, 23.0572



113.4130, 23.4604, -58.2442



129.7060, -7.2501, 38.8458

Square

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



113.4130, 23.4604, -58.2442



130.8720, 14.3601, 14.1443



128.7520, -17.1327, 35.2975



121.3450, -13.4811, -16.0886

Rectangle

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



113.4130, 23.4604, -58.2442



125.7690, 23.7779, -19.9684



128.7520, -17.1327, 35.2975



125.5180, -22.4404, 10.9467

Sweetspot

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



113.4130, 23.4604, -58.2442



190.5610, 9.0904, -22.4170



116.5400, -22.9442, -60.9866



93.4050, 5.7163, -13.5102



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



113.4130, 23.4604, -58.2442



134.6460, 36.6565, -90.8975



79.9540, 39.9557, -28.9007



78.1350, 1.9054, -4.5034



84.6220, 29.7664, -74.2135



10.2700, 3.8109, -9.0068

Inverse Universe

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



91.4600, 22.9442, 60.9866



100.4100, 35.7869, 95.2334



128.0460, -39.9557, 28.9007



76.4890, 1.7309, 4.8331



56.5790, 29.2946, 77.5452



6.9780, 3.4618, 9.6663

Previews

White Background



This preview shows how the YUV color 113.4130, 23.4604, -58.2442 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 113.4130, 23.4604, -58.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

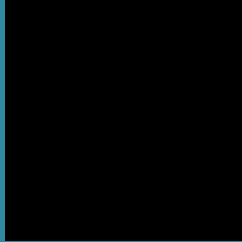
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.4130, 23.4604, -58.2442

Background



This preview shows how black text looks on a background with the YUV color 113.4130, 23.4604, -58.2442.



This preview shows how white text looks on a background with the YUV color 113.4130, 23.4604, -58.2442.

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

113.4130, 23.4604, -58.2442

Protanopia

126.8820, 12.3832, -5.1585

Deuteranopia

127.0650, 18.2090, -7.0730



Tritanopia

111.3540, 19.5455, -62.5775

Trichromacy



Original Color

113.4130, 23.4604, -58.2442

Protanomaly

122.0860, 16.2266, -24.6314

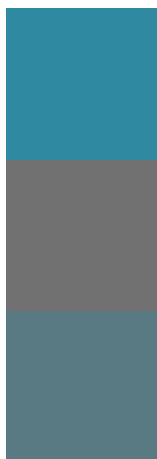
Deuteranomaly

122.1120, 20.1578, -25.5312

Tritanomaly

112.1200, 21.1398, -60.6182

Monochromacy



Original Color

113.4130, 23.4604, -58.2442

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.0450, 8.3588, -21.0875

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4130, 23.4604, -58.2442 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(47, 138, 161)` looks like.

```
.text, #text, p{  
    color:rgb(47, 138, 161)  
}
```

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(47, 138, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 138, 161) }
```

Border

The CSS property to change the border of an element to YUV 113.4130, 23.4604, -58.2442 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(47, 138, 161) }
```


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

```
.border{ border-color:rgb(47, 138, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 138, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 138, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 138, 161);  
box-shadow:4px 4px 4px 4px rgb(47, 138,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 113.4130, 23.4604, -58.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 138, 161) }
```

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

```
.background{ background-color: rgb(47, 138,  
161) }
```

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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