

Converting Colors

YUV(113.6150, 23.8538,
-44.3894)

Have a look what the booklet for
YUV(113.6150, 23.8538, -44.3894)
contains.

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Color

**YUV(113.6150, 23.8538,
-44.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	3F82A2
RGB	63, 130, 162
RGB Percent	25%, 51%, 64%
CMY	0.7529, 0.4902, 0.3647
CMYK	0.61, 0.20, 0.00, 0.36
HSL	199°, 44%, 44%
HSV	199°, 61%, 64%
XYZ	16.5541, 19.6307, 37.0990
YIQ	113.6150, -50.2040, -4.2520

Conversions

Conversions Part 2

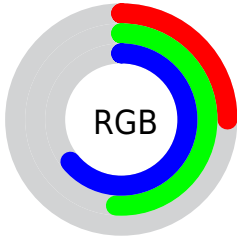
Format	Color
R _Y B	63, 103, 162
Decimal	4162210
CIE Lab	51.42, -11.36, -23.45
CIE LCh	51, 26.061, 244.151
Yxy	19.6307, 0.2259, 0.2679
Android (android.graphics.Color)	4282352290 (0xFF3F82A2)
YUV	113.6150, 23.8538, -44.3894
Hunter-Lab	44.3065, -10.8439, -18.6306

Details

The YUV color **113.6150, 23.8538, -44.3894** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **111.3850, -23.8538, 44.3894**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7400, 24.2852, -42.7450**, and **60.0870, 24.6071, -52.6963** is the 20% darker color. If you saturate the color by 10%, you get **105.8960, 27.6593, -51.6518**, and if you desaturate by 10%, it is **121.3340, 20.0483, -37.1269**.

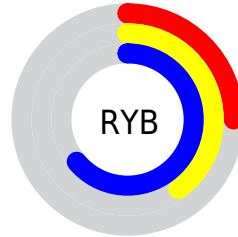
Distribution



Red (25%)

Green (51%)

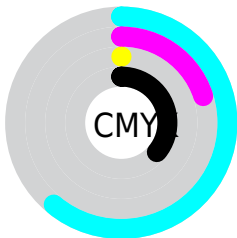
Blue (64%)



Red (25%)

Yellow (40%)

Blue (64%)

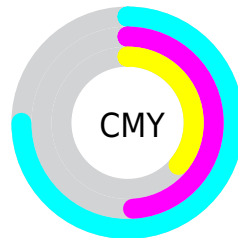


Cyan (61%)

Magenta (20%)

Yellow (0%)

Black (36%)



Cyan (75%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.6150, 23.8538, -44.3894 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 113.6150, 23.8538, -44.3894 by changing the saturation by 10% instead.

■ 113.6150, 23.8538,
-44.3894

■ 113.6150, 23.8538,
-44.3894

■ 255.0000, 0.0000,
0.0000

■ 86.4080, 24.4489,
-48.5928

■ 167.7400, 24.2852,
-42.7450

■ 60.0870, 24.6071,
-52.6963

■ 195.7400, 24.2852,
-42.7450

■ 43.8500, 20.7799,
-38.4565

■ 221.9870, 16.2754,
-40.3306

■ 28.2000, 16.6634,
-24.7314

■ 240.0500, 7.3704,
-30.7388

■ 11.6040, 13.9992,
-10.1767

■ 248.7210, 3.0955,
-12.9103

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,

0.0000

■ 113.6150, 23.8538,
-44.3894

■ 113.6150, 23.8538,
-44.3894

■ 105.8960, 27.6593,
-51.6518

■ 121.3340, 20.0483,
-37.1269

■ 98.1770, 31.4647,
-58.9142

■ 129.0530, 16.2429,
-29.8645

■ 89.5720, 35.7070,
-66.2766

■ 137.6580, 12.0006,
-22.5021

■ 83.0380, 38.9283,
-72.8243

■ 145.3770, 8.1951,
-15.2396

■ 153.0960, 4.3897,
-7.9772

■ 160.8150, 0.5842,
-0.7148

■ 169.1210, -3.5107,
6.0329

■ 177.1390, -7.4635,
13.9101

■ 184.8580,
-11.2690, 21.1725

Harmonies

Analogous

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



108.8710, 18.7976, -56.0149



113.6150, 23.8538, -44.3894



120.8290, 22.7623, -20.8980

Triad

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



113.6150, 23.8538, -44.3894



125.2370, -2.5818, 34.8722



118.6020, -16.5658, -6.6670

Complementary

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



113.6150, 23.8538, -44.3894



111.3850, -23.8538, 44.3894

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.



120.8710, -21.1354, 12.3911



113.6150, 23.8538, -44.3894



124.0170, -12.3334, 35.9421

Square

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



113.6150, 23.8538, -44.3894



125.9180, 7.9284, 23.7509



123.0130, -19.7264, 27.1756



114.8150, -6.3178, -27.0248

Rectangle

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



113.6150, 23.8538, -44.3894



123.4290, 19.5085, -3.8842



123.0130, -19.7264, 27.1756



119.3640, -18.9135, -0.3192

Sweetspot

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



113.6150, 23.8538, -44.3894



193.0070, 9.3635, -16.6691



124.6470, -15.1090, -54.0644



95.4270, 5.7055, -10.0215



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



113.6150, 23.8538, -44.3894



136.3050, 37.3176, -69.5505



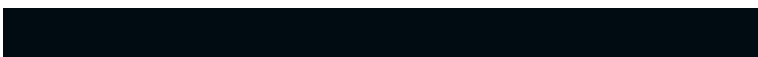
84.8520, 38.0340, -19.1642



77.5480, 2.1948, -3.9886



74.0560, 34.9754, -64.9471



9.0960, 4.3897, -7.9772

Inverse Universe

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



100.2390, 14.6722, 54.1644



115.3150, 23.0157, 84.7927



140.1480, -38.0340, 19.1642



76.3750, 1.2941, 4.9331



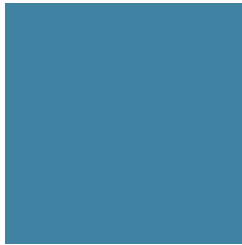
54.5270, 21.4322, 79.3448



6.7500, 2.5882, 9.8663

Previews

White Background



This preview shows how the YUV color 113.6150, 23.8538, -44.3894 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 113.6150, 23.8538, -44.3894 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 113.6150, 23.8538, -44.3894

Background



This preview shows how black text looks on a background with the YUV color 113.6150, 23.8538, -44.3894.

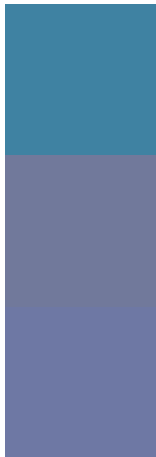


This preview shows how white text looks on a background with the YUV color 113.6150, 23.8538, -44.3894.

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

113.6150, 23.8538, -44.3894

Protanopia

122.4840, 16.0304, -8.3175

Deuteranopia

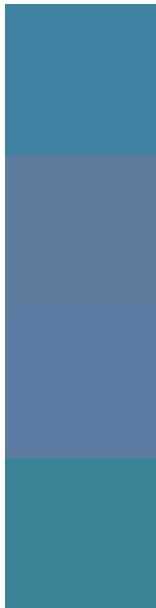
122.0260, 20.6932, -10.5468



Tritanopia

110.9320, 16.3025, -49.0524

Trichromacy



Original Color

113.6150, 23.8538, -44.3894

Protanomaly

119.2050, 19.1259, -21.2278

Deuteranomaly

119.1770, 21.6047, -22.9572

Tritanomaly

112.0400, 19.2073, -47.3931

Monochromacy



Original Color

113.6150, 23.8538, -44.3894

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.7790, 8.4900, -16.4692

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.6150, 23.8538, -44.3894 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, 130, 162)` looks like.

```
.text, #text, p{  
    color:rgb(63, 130, 162)  
}
```

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, 130, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 130, 162) }
```

Border

The CSS property to change the border of an element to YUV 113.6150, 23.8538, -44.3894 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, 130, 162) }
```


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

```
.border{ border-color:rgb(63, 130, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 130, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 130, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 130, 162);  
box-shadow:4px 4px 4px 4px rgb(63, 130,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 113.6150, 23.8538, -44.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 130, 162) }
```

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

```
.background{ background-color: rgb(63, 130,  
162) }
```

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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