

Converting Colors

YUV(119.4900, 23.4224,
-46.0337)

Have a look what the booklet for
YUV(119.4900, 23.4224, -46.0337)
contains.

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Color

**YUV(119.4900, 23.4224,
-46.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	4389A7
RGB	67, 137, 167
RGB Percent	26%, 54%, 65%
CMY	0.7373, 0.4627, 0.3451
CMYK	0.60, 0.18, 0.00, 0.35
HSL	198°, 43%, 46%
HSV	198°, 60%, 65%
XYZ	18.2355, 21.8746, 39.8203
YIQ	119.4900, -51.3500, -5.5100

Conversions

Conversions Part 2

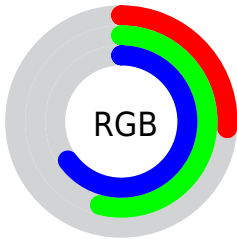
Format	Color
R _Y B	67, 108, 167
Decimal	4426151
CIE Lab	53.89, -12.89, -22.52
CIE LCh	54, 25.946, 240.217
Yxy	21.8746, 0.2281, 0.2737
Android (android.graphics.Color)	4282616231 (0xFF4389A7)
YUV	119.4900, 23.4224, -46.0337
Hunter-Lab	46.7703, -12.2521, -17.7404

Details

The YUV color **119.4900, 23.4224, -46.0337** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **114.5100, -23.4224, 46.0337**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9140, 23.7064, -43.7746**, and **64.1790, 25.0548, -56.2850** is the 20% darker color. If you saturate the color by 10%, you get **111.4720, 27.3753, -53.9109**, and if you desaturate by 10%, it is **127.5080, 19.4696, -38.1565**.

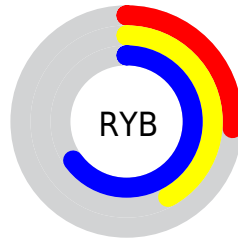
Distribution



Red (26%)

Green (54%)

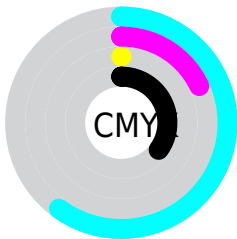
Blue (65%)



Red (26%)

Yellow (42%)

Blue (65%)

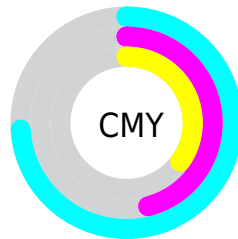


Cyan (60%)

Magenta (18%)

Yellow (0%)

Black (35%)



Cyan (74%)

Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4900, 23.4224, -46.0337 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 119.4900, 23.4224, -46.0337 by changing the saturation by 10% instead.

■ 119.4900, 23.4224,
-46.0337

■ 119.4900, 23.4224,
-46.0337

■ 255.0000, 0.0000,
0.0000

■ 92.2830, 24.0175,
-50.2372

■ 173.9140, 23.7064,
-43.7746

■ 64.1790, 25.0548,
-56.2850

■ 202.0280, 24.1432,
-43.8746

■ 47.8280, 20.7908,
-41.9452

■ 227.8790, 13.3707,
-41.9899

■ 32.2920, 17.1110,
-28.3201

■ 241.2460, 6.7807,
-28.2797

■ 17.9300, 12.8525,
-15.7246

■ 249.9170, 2.5059,
-10.4512

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,

0.0000

■ 119.4900, 23.4224,
-46.0337

■ 119.4900, 23.4224,
-46.0337

■ 111.4720, 27.3753,
-53.9109

■ 127.5080, 19.4696,
-38.1565

■ 103.7530, 31.1808,
-61.1734

■ 135.2270, 15.6641,
-30.8941

■ 95.7350, 35.1336,
-69.0506

■ 143.2450, 11.7112,
-23.0169

■ 87.7170, 39.0865,
-76.9278

■ 151.2630, 7.7583,
-15.1397

■ 158.9820, 3.9529,
-7.8772

■ 167.0000, 0.0000,
0.0000

■ 175.0180, -3.9529,
7.8772

■ 183.0360, -7.9057,
15.7544

■ 190.7550,
-11.7112, 23.0169

Harmonies

Analogous

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



115.5400, 17.4818, -53.9706



119.4900, 23.4224, -46.0337



126.2200, 23.0625, -23.8719

Triad

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



119.4900, 23.4224, -46.0337



131.5790, -1.2714, 34.5722



125.0970, -17.3028, -3.5931

Complementary

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



119.4900, 23.4224, -46.0337



114.5100, -23.4224, 46.0337

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.



127.1810, -21.2882, 14.7503



119.4900, 23.4224, -46.0337



130.8430, -11.7546, 36.9717

Square

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



119.4900, 23.4224, -46.0337



132.2490, 9.2442, 21.7066



129.5510, -19.0056, 29.3348



121.7830, -7.7810, -24.3657

Rectangle

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



119.4900, 23.4224, -46.0337



129.9340, 20.2455, -6.9581



129.5510, -19.0056, 29.3348



125.8590, -19.6505, 2.7547

Sweetspot

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



119.4900, 23.4224, -46.0337



198.2950, 9.2216, -17.7987



129.1200, -15.8352, -54.4792



98.1280, 5.8529, -10.6363



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



119.4900, 23.4224, -46.0337



142.7670, 36.5969, -71.7097



90.1400, 37.8920, -20.2938



80.4340, 1.7580, -3.8886



77.9200, 34.5494, -68.3358



10.4980, 4.6845, -9.2067

Inverse Universe

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



104.8800, 15.8352, 54.4792



120.0700, 24.6155, 85.0076



143.8600, -37.8920, 20.2938



79.0760, 1.4415, 4.3183



56.1080, 23.6108, 80.5893



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 119.4900, 23.4224, -46.0337 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 119.4900, 23.4224, -46.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

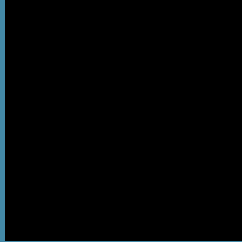
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4900, 23.4224, -46.0337

Background



This preview shows how black text looks on a background with the YUV color 119.4900, 23.4224, -46.0337.



This preview shows how white text looks on a background with the YUV color 119.4900, 23.4224, -46.0337.

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

119.4900, 23.4224, -46.0337

Protanopia

128.6690, 15.4462, -7.6027

Deuteranopia

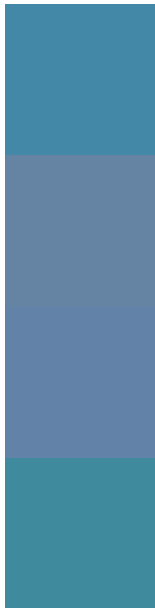
128.5100, 19.9616, -9.2173



Tritanopia

117.3340, 16.5973, -50.2819

Trichromacy



Original Color

119.4900, 23.4224, -46.0337

Protanomaly

125.6780, 18.3997, -21.6426

Deuteranomaly

125.0630, 21.1679, -22.8573

Tritanomaly

118.3280, 19.0653, -48.5227

Monochromacy



Original Color

119.4900, 23.4224, -46.0337

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3660, 8.2006, -16.9840

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4900, 23.4224, -46.0337 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(67, 137, 167)` looks like.

```
.text, #text, p{  
    color:rgb(67, 137, 167)  
}
```

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(67, 137, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 137, 167) }
```

Border

The CSS property to change the border of an element to YUV 119.4900, 23.4224, -46.0337 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(67, 137, 167) }
```


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

```
.border{ border-color:rgb(67, 137, 167) }
```

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

Here you see how a box with a 4 pixel rgb(67, 137, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 137, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 137, 167);  
box-shadow:4px 4px 4px 4px rgb(67, 137,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 119.4900, 23.4224, -46.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 137, 167) }
```

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

```
.background{ background-color: rgb(67, 137,  
167) }
```

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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