

Converting Colors

YUV(116.1830, 42.3078,
-83.4755)

Have a look what the booklet for
YUV(116.1830, 42.3078, -83.4755)
contains.

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Color

**YUV(116.1830, 42.3078,
-83.4755)**

Conversions

Conversions Part 1

Format	Color
Hex	1594CA
RGB	21, 148, 202
RGB Percent	8%, 58%, 79%
CMY	0.9176, 0.4196, 0.2078
CMYK	0.90, 0.27, 0.00, 0.21
HSL	198°, 81%, 44%
HSV	198°, 90%, 79%
XYZ	21.5598, 25.6035, 59.6828
YIQ	116.1830, -93.0260, -10.1300

Conversions

Conversions Part 2

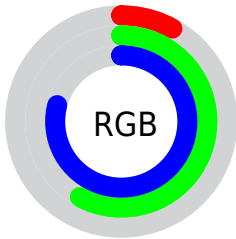
Format	Color
R_{YB}	21, 96, 202
Decimal	1414346
CIE _{Lab}	57.66, -12.56, -36.68
CIE _{LCh}	58, 38.772, 251.097
Yxy	25.6035, 0.2018, 0.2396
Android (android.graphics.Color)	4279604426 (0xFF1594CA)
YUV	116.1830, 42.3078, -83.4755
Hunter-Lab	50.5999, -12.4938, -34.5128

Details

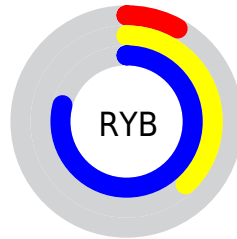
The YUV color **116.1830, 42.3078, -83.4755** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **106.8170, -42.3078, 83.4755**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7400, 37.5962, -65.5470**, and **73.8110, 36.5752, -64.7322** is the 20% darker color. If you saturate the color by 10%, you get **106.6810, 46.9923, -92.6822**, and if you desaturate by 10%, it is **125.6850, 37.6233, -74.2687**.

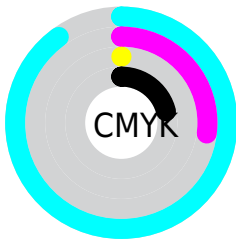
Distribution



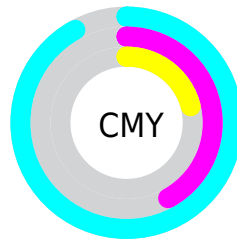
- Red (8%)
- Green (58%)
- Blue (79%)



- Red (8%)
- Yellow (38%)
- Blue (79%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (92%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1830, 42.3078, -83.4755 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 116.1830, 42.3078, -83.4755 by changing the saturation by 10% instead.

■ 116.1830, 42.3078,
-83.4755

■ 116.1830, 42.3078,
-83.4755

■ 255.0000, 0.0000,
0.0000

■ 91.4500, 40.6972,
-80.2016

■ 178.7400, 37.5962,
-65.5470

■ 73.8110, 36.5752,
-64.7322

■ 204.4450, 24.9236,
-60.9033

■ 57.3460, 31.8744,
-50.2924

■ 228.3890, 13.1192,
-54.7152

■ 40.8810, 27.1737,
-35.8526

■ 237.3590, 8.6970,
-36.2718

■ 26.4050, 22.4783,
-23.1572

■ 246.6280, 4.1274,
-17.2138

■ 8.0480, 20.6823,
-7.0581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 116.1830, 42.3078,
-83.4755

■ 116.1830, 42.3078,
-83.4755

■ 106.6810, 46.9923,
-92.6822

■ 125.6850, 37.6233,
-74.2687

■ 106.3820, 47.1397,
-93.2970

■ 135.1870, 32.9388,
-65.0620

■ 144.9880, 28.1069,
-55.2405

■ 154.4900, 23.4224,
-46.0337

■ 163.9920, 18.7379,
-36.8270

■ 173.4940, 14.0535,
-27.6202

■ 182.9960, 9.3690,
-18.4135

■ 192.7970, 4.5371,
-8.5920

■ 202.2990, -0.1474,
0.6148

Harmonies

Analogous

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



111.1460, 34.9310, -97.4750



116.1830, 42.3078, -83.4755



136.3690, 33.8351, -25.7566

Triad

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



116.1830, 42.3078, -83.4755



140.3320, -6.5727, 54.9598



130.1570, -21.7694, -17.6777

Complementary

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



116.1830, 42.3078, -83.4755



106.8170, -42.3078, 83.4755

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.



134.7000, -31.8971, 10.7871



116.1830, 42.3078, -83.4755



138.8250, -21.1127, 51.8965

Square

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



116.1830, 42.3078, -83.4755



142.0820, 9.3266, 42.0241



137.0820, -31.0994, 35.0081



122.9320, -3.9105, -52.5604

Rectangle

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



116.1830, 42.3078, -83.4755



140.9380, 27.6386, 1.8084



137.0820, -31.0994, 35.0081



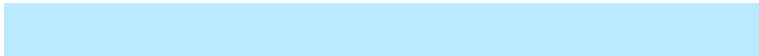
132.0720, -26.1645, -7.9561

Sweetspot

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



116.1830, 42.3078, -83.4755



222.0420, 16.2483, -31.6088



133.0610, -30.1031, -98.2775



108.1100, 9.8058, -18.5135



0.0000, 0.0000, 0.0000



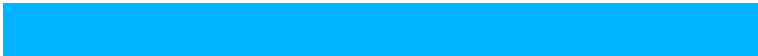
128.0000, 0.0000, 0.0000

Same Dimension

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



116.1830, 42.3078, -83.4755



134.1430, 59.5825, -117.6434



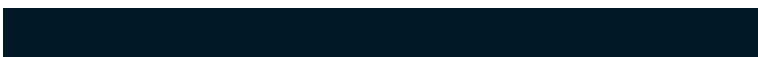
64.5270, 67.7742, -38.1732



97.2490, 2.3422, -4.6034



87.0160, 38.9391, -76.3130



20.1810, 8.7848, -17.6987

Inverse Universe

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



89.5970, 28.7927, 98.5774



96.6510, 40.5981, 138.8721



158.4730, -67.7742, 38.1732



95.7880, 1.5835, 5.4479



62.8580, 26.1990, 90.4555



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 116.1830, 42.3078, -83.4755 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 116.1830, 42.3078, -83.4755 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 116.1830, 42.3078, -83.4755 Background



This preview shows how black text looks on a background with the YUV color 116.1830, 42.3078, -83.4755.

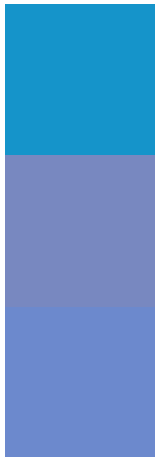


This preview shows how white text looks on a background with the YUV color 116.1830, 42.3078, -83.4755.

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

116.1830, 42.3078, -83.4755

Protanopia

137.6000, 26.8192, -15.4352

Deuteranopia

136.0810, 33.9771, -24.6270



Tritanopia

108.6210, 27.7948, -95.2606

Trichromacy



Original Color

116.1830, 42.3078, -83.4755

Protanomaly

129.6400, 32.7155, -40.0263

Deuteranomaly

128.7470, 37.0997, -46.2591

Tritanomaly

111.3210, 32.8727, -90.6125

Monochromacy



Original Color

116.1830, 42.3078, -83.4755

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1130, 15.2273, -30.7941

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1830, 42.3078, -83.4755 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(21, 148, 202)` looks like.

```
.text, #text, p{  
    color:rgb(21, 148, 202)  
}
```

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(21, 148, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 148, 202) }
```

Border

The CSS property to change the border of an element to YUV 116.1830, 42.3078, -83.4755 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(21, 148, 202) }
```


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

```
.border{ border-color:rgb(21, 148, 202) }
```

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

Here you see how a box with a 4 pixel rgb(21, 148, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 148, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 148, 202);  
box-shadow:4px 4px 4px 4px rgb(21, 148,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 116.1830, 42.3078, -83.4755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 148, 202) }
```

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

```
.background{ background-color: rgb(21, 148,  
202) }
```

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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