

Converting Colors

YUV(118.5100, 43.1326,
-67.9763)

Have a look what the booklet for
YUV(118.5100, 43.1326, -67.9763)
contains.

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Color

**YUV(118.5100, 43.1326,
-67.9763)**

Conversions

Conversions Part 1

Format	Color
Hex	298DCE
RGB	41, 141, 206
RGB Percent	16%, 55%, 81%
CMY	0.8392, 0.4471, 0.1922
CMYK	0.80, 0.32, 0.00, 0.19
HSL	204°, 67%, 48%
HSV	204°, 80%, 81%
XYZ	21.5799, 23.9774, 61.8832
YIQ	118.5100, -80.4650, -0.9850

Conversions

Conversions Part 2

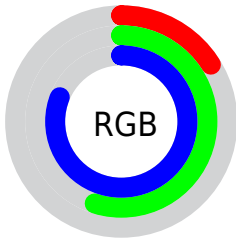
Format	Color
R_{YB}	41, 103, 206
Decimal	2723278
CIE _{Lab}	56.07, -5.60, -41.42
CIE _{LCh}	56, 41.793, 262.303
Yxy	23.9774, 0.2009, 0.2232
Android (android.graphics.Color)	4280913358 (0xFF298DCE)
YUV	118.5100, 43.1326, -67.9763
Hunter-Lab	48.9667, -7.0258, -40.6529

Details

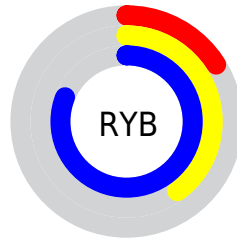
The YUV color **118.5100, 43.1326, -67.9763** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **128.4900, -43.1326, 67.9763**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4360, 38.7321, -56.5104**, and **70.6310, 39.6219, -61.9434** is the 20% darker color. If you saturate the color by 10%, you get **107.5350, 48.5432, -76.7682**, and if you desaturate by 10%, it is **129.4850, 37.7219, -59.1843**.

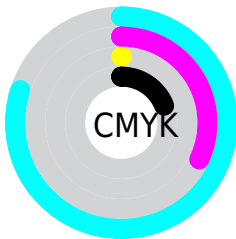
Distribution



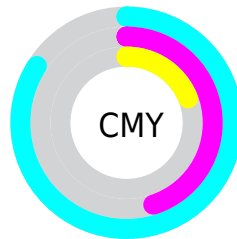
- Red (16%)
- Green (55%)
- Blue (81%)



- Red (16%)
- Yellow (40%)
- Blue (81%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5100, 43.1326, -67.9763 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 118.5100, 43.1326, -67.9763 by changing the saturation by 10% instead.

■ 118.5100, 43.1326,
-67.9763

■ 118.5100, 43.1326,
-67.9763

255.0000, 0.0000,
0.0000

■ 88.3840, 44.1807,
-77.5128

■ 176.4360, 38.7321,
-56.5104

■ 70.6310, 39.6219,
-61.9434

■ 202.1410, 26.0595,
-51.8667

■ 54.1660, 34.9212,
-47.5036

■ 228.1340, 13.2449,
-48.3525

■ 38.4020, 30.3678,
-33.6786

■ 239.4520, 7.6652,
-31.9684

■ 23.8120, 25.2357,
-20.8831

■ 248.7210, 3.0955,
-12.9103

■ 8.2760, 21.5559,
-7.2581

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 118.5100, 43.1326,
-67.9763

■ 118.5100, 43.1326,
-67.9763

■ 107.5350, 48.5432,
-76.7682

■ 129.4850, 37.7219,
-59.1843

■ 96.8590, 53.8065,
-84.9453

■ 140.1610, 32.4586,
-51.0072

■ 151.1360, 27.0480,
-42.2153

■ 161.8120, 21.7847,
-34.0381

■ 173.3740, 16.0846,
-25.7610

■ 184.3490, 10.6739,
-16.9691

■ 195.0250, 5.4107,
-8.7919

■ 206.0000, 0.0000,
0.0000

■ 216.6760, -5.2633,
8.1771

Harmonies

Analogous

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



109.2370, 40.3092, -95.8008



118.5100, 43.1326, -67.9763



135.2290, 32.9181, -11.6018

Triad

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



118.5100, 43.1326, -67.9763



135.3450, -12.9881, 59.3334



122.6220, -17.0686, -32.1175

Complementary

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



118.5100, 43.1326, -67.9763



128.4900, -43.1326, 67.9763

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.



128.7480, -31.4278, 0.2210



118.5100, 43.1326, -67.9763



133.7940, -27.5064, 49.2927

Square

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



118.5100, 43.1326, -67.9763



137.0680, 3.9105, 52.5604



131.7130, -34.8615, 28.3157



103.2460, 9.7387, -90.5467

Rectangle

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



118.5100, 43.1326, -67.9763



138.2280, 24.5376, 16.4630



131.7130, -34.8615, 28.3157



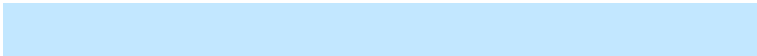
125.2060, -22.7796, -20.3517

Sweetspot

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



118.5100, 43.1326, -67.9763



222.6730, 15.9372, -25.1462



145.0370, -20.2312, -91.2404



108.1320, 9.7949, -15.0248



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.



118.5100, 43.1326, -67.9763



125.3930, 63.8963, -101.1997



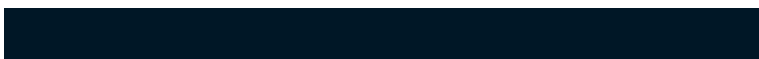
70.9630, 66.5732, -26.2776



96.6620, 2.6316, -4.0886



77.6240, 43.5694, -68.0762



17.8330, 9.9423, -15.6395

Inverse Universe

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



101.7350, 19.3576, 91.4404



100.2410, 28.9682, 135.7236



176.0370, -66.5732, 26.2776



95.6740, 1.1467, 5.5479



61.0340, 19.2102, 92.0552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 118.5100, 43.1326, -67.9763 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 118.5100, 43.1326, -67.9763 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

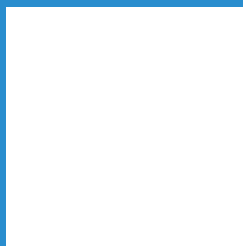
Any Text WCAG AAA × Fail

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

YUV 118.5100, 43.1326, -67.9763 Background



This preview shows how black text looks on a background with the YUV color 118.5100, 43.1326, -67.9763.

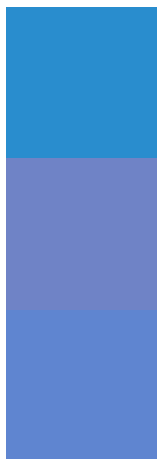


This preview shows how white text looks on a background with the YUV color 118.5100, 43.1326, -67.9763.

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

118.5100, 43.1326, -67.9763

Protanopia

132.6580, 32.2136, -18.9941

Deuteranopia

130.1880, 38.3613, -30.8599



Tritanopia

105.1160, 27.0578, -92.1867

Trichromacy



Original Color

118.5100, 43.1326, -67.9763

Protanomaly

127.8730, 36.0516, -36.7226

Deuteranomaly

125.8550, 40.0045, -44.5998

Tritanomaly

109.7780, 33.1404, -83.1203

Monochromacy



Original Color

118.5100, 43.1326, -67.9763

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9720, 15.7898, -24.5314

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5100, 43.1326, -67.9763 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(41, 141, 206)` looks like.

```
.text, #text, p{  
    color:rgb(41, 141, 206)  
}
```

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(41, 141, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 141, 206) }
```

Border

The CSS property to change the border of an element to YUV 118.5100, 43.1326, -67.9763 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(41, 141, 206) }
```


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

```
.border{ border-color:rgb(41, 141, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 141, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 141, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 141, 206);  
box-shadow:4px 4px 4px 4px rgb(41, 141,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 118.5100, 43.1326, -67.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 141, 206) }
```

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

```
.background{ background-color: rgb(41, 141,  
206) }
```

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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