

Converting Colors

YUV(116.7250, 67.1836,
-82.1968)

Have a look what the booklet for
YUV(116.7250, 67.1836, -82.1968)
contains.

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Color

**YUV(116.7250, 67.1836,
-82.1968)**

Conversions

Conversions Part 1

Format	Color
Hex	178AFD
RGB	23, 138, 253
RGB Percent	9%, 54%, 99%
CMY	0.9098, 0.4588, 0.0078
CMYK	0.91, 0.45, 0.00, 0.01
HSL	210°, 98%, 54%
HSV	210°, 91%, 99%
XYZ	27.1715, 25.4510, 96.4089
YIQ	116.7250, -105.4550, 11.3850

Conversions

Conversions Part 2

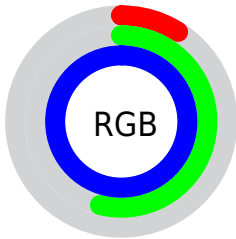
Format	Color
R _Y B	23, 100, 253
Decimal	1542909
CIE Lab	57.51, 12.52, -65.31
CIE LCh	58, 66.494, 280.849
Yxy	25.4510, 0.1823, 0.1708
Android (android.graphics.Color)	4279732989 (0xFF178AFD)
YUV	116.7250, 67.1836, -82.1968
Hunter-Lab	50.4489, 7.8532, -77.9901




Details

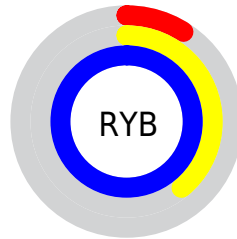
The YUV color **116.7250, 67.1836, -82.1968** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **159.2750, -67.1836, 82.1968**, and the grayscale version is **116.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **175.8710, 39.0106, -52.5069**, and **74.4730, 59.4198, -65.3128** is the 20% darker color. If you saturate the color by 10%, you get **103.3910, 73.7572, -90.6739**, and if you desaturate by 10%, it is **131.8310, 59.7363, -73.5198**.

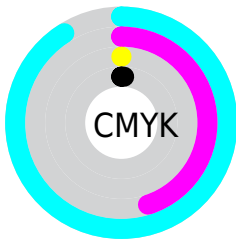
Distribution







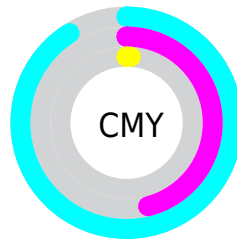
-  Red (9%)
-  Green (54%)
-  Blue (99%)






-  Red (9%)
-  Yellow (39%)
-  Blue (99%)



-  Cyan (91%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (1%)



-  Cyan (91%)
-  Magenta (46%)
-  Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.7250, 67.1836, -82.1968 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 116.7250, 67.1836, -82.1968 by changing the saturation by 10% instead.

■ 116.7250, 67.1836,
-82.1968

■ 116.7250, 67.1836,
-82.1968

■ 255.0000, 0.0000,
0.0000

■ 91.8670, 65.1416,
-80.5674

■ 175.8710, 39.0106,
-52.5069

■ 74.4730, 59.4198,
-65.3128

■ 201.5870, 26.3326,
-46.1188

■ 58.4810, 53.9929,
-51.2878

■ 228.4770, 13.0758,
-40.7603

■ 43.0760, 48.2765,
-37.7777

■ 242.4420, 6.1911,
-25.8206

■ 29.4320, 41.6920,
-25.8119

■ 252.0100, 1.4741,
-6.1478

■ 16.6030, 35.6917,
-14.5608

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 116.7250, 67.1836,
-82.1968

■ 116.7250, 67.1836,
-82.1968

■ 103.3910, 73.7572,
-90.6739

■ 131.8310, 59.7363,
-73.5198

■ 146.6490, 52.4310,
-63.7132

■ 161.7550, 44.9838,
-55.0361

■ 176.8610, 37.5365,
-46.3591

■ 191.6790, 30.2313,
-36.5525

■ 206.7850, 22.7840,
-27.8754

■ 221.8910, 15.3367,
-19.1984

■ 236.4100, 8.1789,
-10.0066

■ 251.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



119.2570, 63.4703, -104.5884



116.7250, 67.1836, -82.1968



142.1420, 41.8350, 21.8005

Triad

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



116.7250, 67.1836, -82.1968



132.4180, -33.7301, 85.5794



106.2660, -4.0751, -93.1953

Complementary

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



116.7250, 67.1836, -82.1968



159.2750, -67.1836, 82.1968

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.



119.7640, -39.3237, -33.9960



116.7250, 67.1836, -82.1968



130.1300, -60.7031, 56.8910

Square

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



116.7250, 67.1836, -82.1968



130.9380, -5.3924, 96.5244



127.0080, -62.6149, 16.6560



114.8670, 21.2646, -100.7384

Rectangle

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



116.7250, 67.1836, -82.1968



139.7140, 27.7490, 59.8868



127.0080, -62.6149, 16.6560



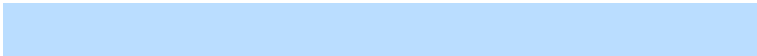
103.3990, -12.5217, -90.6809

Sweetspot

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



116.7250, 67.1836, -82.1968



214.4110, 20.0104, -24.9164



171.1200, -16.3282, -129.9012



103.4140, 12.1209, -14.3951



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.



116.7250, 67.1836, -82.1968



104.2060, 74.3414, -91.3887



49.2200, 100.4635, -22.9949



120.0040, 3.9420, -4.3885



78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Inverse Universe

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



104.8800, 16.3282, 129.9012



90.8370, 18.3214, 143.9710



226.7800, -100.4635, 22.9949



119.5710, 0.7045, 7.3922



68.0530, 13.7779, 107.8245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 116.7250, 67.1836, -82.1968 looks on a white background.

Color Contrast Check

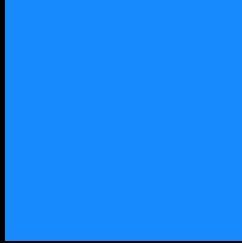
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.7250, 67.1836, -82.1968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

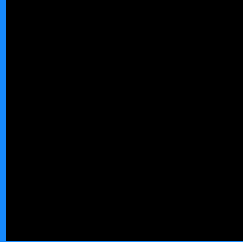
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

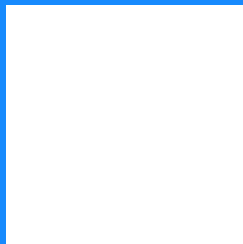
Any Text WCAG AAA × Fail

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

YUV 116.7250, 67.1836, -82.1968 Background



This preview shows how black text looks on a background with the YUV color 116.7250, 67.1836, -82.1968.



This preview shows how white text looks on a background with the YUV color 116.7250, 67.1836, -82.1968.

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

116.7250, 67.1836, -82.1968

Protanopia

130.5620, 57.8969, -43.4659

Deuteranopia

110.3380, 67.3744, -96.7664



Tritanopia

107.8060, 27.2106, -94.5459

Trichromacy



Original Color

116.7250, 67.1836, -82.1968

Protanomaly

125.6850, 61.2873, -57.6057

Deuteranomaly

112.3710, 67.3581, -91.5334

Tritanomaly

111.0250, 41.8927, -90.3529

Monochromacy



Original Color

116.7250, 67.1836, -82.1968

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1160, 24.0998, -29.9197

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7250, 67.1836, -82.1968 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(23, 138, 253)` looks like.

```
.text, #text, p{  
    color:rgb(23, 138, 253)  
}
```

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(23, 138, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 138, 253) }
```

Border

The CSS property to change the border of an element to YUV 116.7250, 67.1836, -82.1968 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(23, 138, 253) }
```


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

```
.border{ border-color:rgb(23, 138, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 138, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 138, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 138, 253);  
box-shadow:4px 4px 4px 4px rgb(23, 138,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 116.7250, 67.1836, -82.1968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 138, 253) }
```

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

```
.background{ background-color: rgb(23, 138,  
253) }
```

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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