

Converting Colors

YUV(116.1300, 59.5889,
-72.9050)

Have a look what the booklet for
YUV(116.1300, 59.5889, -72.9050)
contains.

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Color

**YUV(116.1300, 59.5889,
-72.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	2187ED
RGB	33, 135, 237
RGB Percent	13%, 53%, 93%
CMY	0.8706, 0.4706, 0.0706
CMYK	0.86, 0.43, 0.00, 0.07
HSL	210°, 85%, 53%
HSV	210°, 86%, 93%
XYZ	24.5772, 23.7657, 83.4126
YIQ	116.1300, -93.5340, 10.0980

Conversions

Conversions Part 2

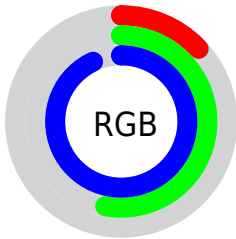
Format	Color
RYB	33, 101, 237
Decimal	2197485
CIELab	55.85, 8.83, -59.12
CIElCh	56, 59.774, 278.499
Yxy	23.7657, 0.1865, 0.1804
Android (android.graphics.Color)	4280387565 (0xFF2187ED)
YUV	116.1300, 59.5889, -72.9050
Hunter-Lab	48.7501, 4.6777, -67.3217

Details

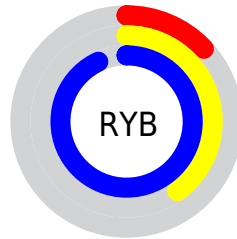
The YUV color **116.1300, 59.5889, -72.9050** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **153.8700, -59.5889, 72.9050**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.8110, 40.0262, -51.5772**, and **71.0020, 53.7360, -62.2688** is the 20% darker color. If you saturate the color by 10%, you get **101.9100, 66.5994, -81.4821**, and if you desaturate by 10%, it is **130.3500, 52.5785, -64.3280**.

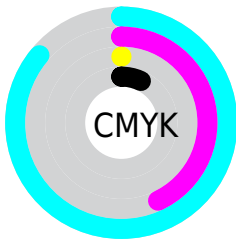
Distribution



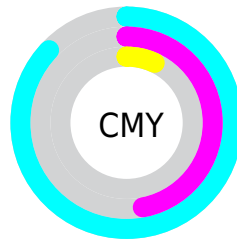
- Red (13%)
- Green (53%)
- Blue (93%)



- Red (13%)
- Yellow (40%)
- Blue (93%)



- Cyan (86%)
- Magenta (43%)
- Yellow (0%)
- Black (7%)



- Cyan (87%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.1300, 59.5889, -72.9050 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 116.1300, 59.5889, -72.9050 by changing the saturation by 10% instead.

■ 116.1300, 59.5889,
-72.9050

■ 116.1300, 59.5889,
-72.9050

255.0000, 0.0000,
0.0000

■ 88.2820, 59.0210,
-77.4233

■ 173.8110, 40.0262,
-51.5772

■ 71.0020, 53.7360,
-62.2688

■ 199.5270, 27.3482,
-45.1892

■ 55.0100, 48.3091,
-48.2438

■ 225.2320, 14.6756,
-40.5455

■ 39.7190, 43.0295,
-34.8336

■ 241.5450, 6.6333,
-27.6650

■ 25.6020, 37.1712,
-22.4530

■ 251.1130, 1.9163,
-7.9921

■ 13.9470, 30.5921,
-12.2315

■ 8.8630, 21.2665,

-7.7729

■ 4.5940, 12.5252,
-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 116.1300, 59.5889,
-72.9050

■ 116.1300, 59.5889,
-72.9050

■ 101.9100, 66.5994,
-81.4821

■ 130.3500, 52.5785,
-64.3280

■ 96.2840, 69.3730,
-84.4411

■ 144.2710, 45.7154,
-56.3657

■ 158.4910, 38.7049,
-47.7886

■ 172.1240, 31.9839,
-38.6967

■ 186.0450, 25.1208,
-30.7345

■ 200.2650, 18.1104,
-22.1574

■ 214.4850, 11.0999,
-13.5803

■ 228.7050, 4.0894,
-5.0033

■ 242.6260, -2.7736,
2.9590

Harmonies

Analogous

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



114.2700, 57.0549, -100.2148



116.1300, 59.5889, -72.9050



137.3000, 38.7991, 15.5229

Triad

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



116.1300, 59.5889, -72.9050



130.0410, -28.6142, 78.0170



102.2880, -4.0860, -89.7066

Complementary

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



116.1300, 59.5889, -72.9050



153.8700, -59.5889, 72.9050

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.



119.5030, -36.7300, -25.8741



116.1300, 59.5889, -72.9050



128.6100, -48.6147, 52.9620

Square

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



116.1300, 59.5889, -72.9050



129.8010, -4.3389, 85.2435



124.2840, -57.8210, 19.0449



109.6180, 18.9223, -96.1350

Rectangle

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



116.1300, 59.5889, -72.9050



137.0780, 25.5975, 49.9206



124.2840, -57.8210, 19.0449



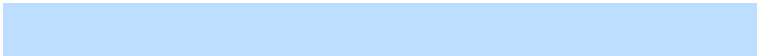
105.4550, -14.0283, -74.0670

Sweetspot

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



116.1300, 59.5889, -72.9050



215.8950, 19.2788, -23.5869



164.3760, -14.4824, -115.2168



104.3000, 11.6841, -14.2951



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.



116.1300, 59.5889, -72.9050



104.2060, 74.3414, -91.3887



56.2560, 89.1068, -20.3955



110.1890, 3.3578, -3.6738



74.0510, 52.7259, -64.9427



22.0050, 15.7735, -19.2984

Inverse Universe

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



105.6240, 14.4824, 115.2168



90.8370, 18.3214, 143.9710



213.7440, -89.1068, 20.3955



109.8590, 0.5625, 6.2627



64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 116.1300, 59.5889, -72.9050 looks on a white background.

Color Contrast Check

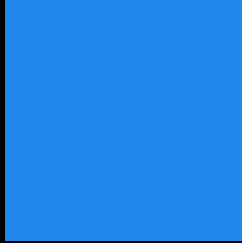
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.1300, 59.5889, -72.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

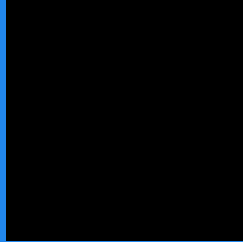
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

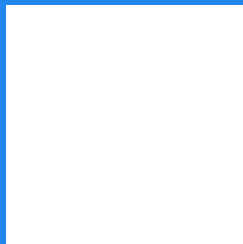
Any Text WCAG AAA × Fail

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

YUV 116.1300, 59.5889, -72.9050 Background



This preview shows how black text looks on a background with the YUV color 116.1300, 59.5889, -72.9050.



This preview shows how white text looks on a background with the YUV color 116.1300, 59.5889, -72.9050.

-72.9050.

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

116.1300, 59.5889, -72.9050

Protanopia

128.1840, 51.1813, -36.1184

Deuteranopia

116.1300, 59.5889, -72.9050



Tritanopia

104.8880, 26.1842, -91.9868

Trichromacy



Original Color

116.1300, 59.5889, -72.9050

Protanomaly

123.6060, 54.4242, -49.6435

Deuteranomaly

116.1300, 59.5889, -72.9050

Tritanomaly

108.8470, 38.5294, -84.9348

Monochromacy



Original Color

116.1300, 59.5889, -72.9050

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.1550, 21.6156, -26.4459

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.1300, 59.5889, -72.9050 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(33, 135, 237)` looks like.

```
.text, #text, p{  
    color:rgb(33, 135, 237)  
}
```

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(33, 135, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 135, 237) }
```

Border

The CSS property to change the border of an element to YUV 116.1300, 59.5889, -72.9050 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(33, 135, 237) }
```


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

```
.border{ border-color:rgb(33, 135, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 135, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 135, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 135, 237);  
box-shadow:4px 4px 4px 4px rgb(33, 135,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 116.1300, 59.5889, -72.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 135, 237) }
```

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

```
.background{ background-color: rgb(33, 135,  
237) }
```

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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