

Converting Colors

YUV(92.6130, 63.7878,
-66.3126)

Have a look what the booklet for
YUV(92.6130, 63.7878, -66.3126)
contains.

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Color

**YUV(92.6130, 63.7878,
-66.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	116ADE
RGB	17, 106, 222
RGB Percent	7%, 42%, 87%
CMY	0.9333, 0.5843, 0.1294
CMYK	0.92, 0.52, 0.00, 0.13
HSL	214°, 86%, 47%
HSV	214°, 92%, 87%
XYZ	18.5700, 15.7012, 71.1591
YIQ	92.6130, -90.2800, 17.2080

Conversions

Conversions Part 2

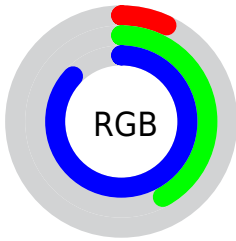
Format	Color
R _Y B	17, 79, 222
Decimal	1141470
CIE Lab	46.58, 20.39, -65.67
CIE LCh	47, 68.758, 287.250
Yxy	15.7012, 0.1761, 0.1489
Android (android.graphics.Color)	4279331550 (0xFF116ADE)
YUV	92.6130, 63.7878, -66.3126
Hunter-Lab	39.6247, 14.3104, -78.7373

Details

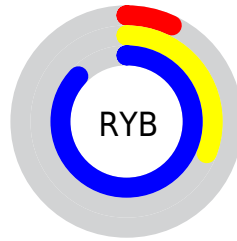
The YUV color **92.6130, 63.7878, -66.3126** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **146.3870, -63.7878, 66.3126**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2220, 50.1766, -40.5367**, and **54.1440, 55.1450, -47.4843** is the 20% darker color. If you saturate the color by 10%, you get **81.6600, 69.1876, -71.6158**, and if you desaturate by 10%, it is **106.8220, 56.7828, -59.4799**.

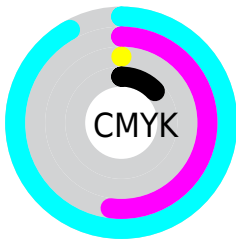
Distribution



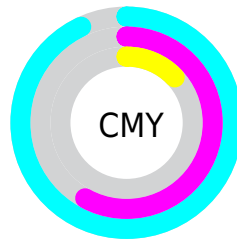
- Red (7%)
- Green (42%)
- Blue (87%)



- Red (7%)
- Yellow (31%)
- Blue (87%)



- Cyan (92%)
- Magenta (52%)
- Yellow (0%)
- Black (13%)



- Cyan (93%)
- Magenta (58%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.6130, 63.7878, -66.3126 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 92.6130, 63.7878, -66.3126 by changing the saturation by 10% instead.

■ 92.6130, 63.7878,
-66.3126

■ 92.6130, 63.7878,
-66.3126

■ 255.0000, 0.0000,
0.0000

■ 70.2500, 61.0087,
-61.6093

■ 153.2220, 50.1766,
-40.5367

■ 54.1440, 55.1450,
-47.4843

■ 178.3510, 37.7880,
-33.6338

■ 39.3260, 49.1393,
-34.4889

■ 204.0560, 25.1154,
-28.9901

■ 25.7960, 42.9916,
-22.6231

■ 229.7610, 12.4428,
-24.3464

■ 14.6140, 35.6863,
-12.8165

■ 248.4220, 3.2430,
-13.5251

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 92.6130, 63.7878,
-66.3126

■ 92.6130, 63.7878,
-66.3126

■ 81.6600, 69.1876,
-71.6158

■ 106.8220, 56.7828,
-59.4799

■ 120.4440, 50.0671,
-52.1324

■ 134.9520, 42.9147,
-44.6849

■ 148.5740, 36.1990,
-37.3374

■ 162.7830, 29.1940,
-30.5047

■ 176.4050, 22.4783,
-23.1572

■ 190.6140, 15.4733,
-16.3245

■ 204.5350, 8.6102,
-8.3622

■ 218.7440, 1.6052,
-1.5295

Harmonies

Analogous

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



98.3240, 61.9583, -86.2301



92.6130, 63.7878, -66.3126



112.6060, 38.1552, 35.4255

Triad

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



92.6130, 63.7878, -66.3126



101.7070, -38.8026, 79.1870



88.1200, -2.5242, -77.2812

Complementary

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



92.6130, 63.7878, -66.3126



146.3870, -63.7878, 66.3126

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.



80.3520, -31.2325, -62.5757



92.6130, 63.7878, -66.3126



104.1590, -51.3504, 43.7106

Square

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



92.6130, 63.7878, -66.3126



94.8030, -7.2979, 101.0278



100.0630, -49.3311, 2.5757



95.5470, 23.3943, -83.7947

Rectangle

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



92.6130, 63.7878, -66.3126



105.1070, 25.0902, 72.6972



100.0630, -49.3311, 2.5757



85.2530, -10.9707, -74.7669

Sweetspot

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



92.6130, 63.7878, -66.3126



210.2910, 22.0415, -23.0572



150.2170, -9.9670, -116.8313



100.1690, 13.7207, -14.1802



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.



92.6130, 63.7878, -66.3126



94.2270, 79.2611, -82.6371



43.3600, 88.0695, -14.3477



105.1890, 3.3578, -3.6738



64.6760, 54.8827, -56.7209



17.7990, 14.8891, -15.6097

Inverse Universe

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



88.4410, 8.6566, 117.1312



88.8990, 10.8958, 145.6706



195.6400, -88.0695, 14.3477



104.8590, 0.5625, 6.2627



61.2880, 7.2530, 100.6024



16.7460, 2.0972, 27.4098

Previews

White Background



This preview shows how the YUV color 92.6130, 63.7878, -66.3126 looks on a white background.

Color Contrast Check

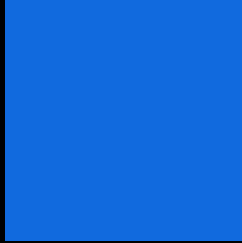
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 92.6130, 63.7878, -66.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

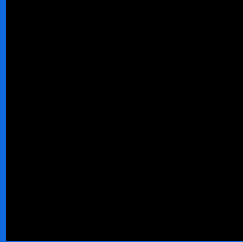
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

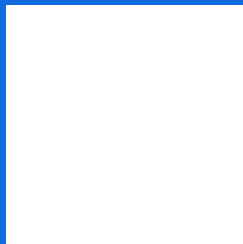
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 92.6130, 63.7878, -66.3126

Background



This preview shows how black text looks on a background with the YUV color 92.6130, 63.7878, -66.3126.



This preview shows how white text looks on a background with the YUV color 92.6130, 63.7878, -66.3126.

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

92.6130, 63.7878, -66.3126

Protanopia

95.3040, 62.4611, -60.7796

Deuteranopia

87.8600, 52.3270, -77.0532



Tritanopia

86.4340, 21.4780, -75.8026

Trichromacy



Original Color

92.6130, 63.7878, -66.3126

Protanomaly

94.4070, 62.9033, -62.6239

Deuteranomaly

89.6200, 56.3893, -73.3347

Tritanomaly

88.4680, 36.7443, -72.3244

Monochromacy



Original Color

92.6130, 63.7878, -66.3126

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9210, 23.2099, -24.4867

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.6130, 63.7878, -66.3126 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(17, 106, 222)` looks like.

```
.text, #text, p{  
    color:rgb(17, 106, 222)  
}
```

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(17, 106, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 106, 222) }
```

Border

The CSS property to change the border of an element to YUV 92.6130, 63.7878, -66.3126 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(17, 106, 222) }
```


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

```
.border{ border-color:rgb(17, 106, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 106, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 106, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 106, 222);  
box-shadow:4px 4px 4px 4px rgb(17, 106,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 92.6130, 63.7878, -66.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 106, 222) }
```

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

```
.background{ background-color: rgb(17, 106,  
222) }
```

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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