

Converting Colors

YUV(91.4730, 59.4198,
-65.3128)

Have a look what the booklet for
YUV(91.4730, 59.4198, -65.3128)
contains.

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Color

**YUV(91.4730, 59.4198,
-65.3128)**

Conversions

Conversions Part 1

Format	Color
Hex	116AD4
RGB	17, 106, 212
RGB Percent	7%, 42%, 83%
CMY	0.9333, 0.5843, 0.1686
CMYK	0.92, 0.50, 0.00, 0.17
HSL	213°, 85%, 45%
HSV	213°, 92%, 83%
XYZ	17.2689, 15.1807, 64.3074
YIQ	91.4730, -87.0700, 14.0980

Conversions

Conversions Part 2

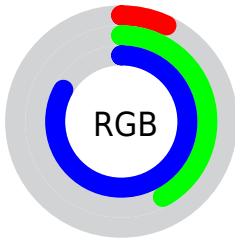
Format	Color
R_{YB}	17, 78, 212
Decimal	1141460
CIE _{Lab}	45.88, 16.46, -61.11
CIE _{LCh}	46, 63.290, 285.077
Yxy	15.1807, 0.1785, 0.1569
Android (android.graphics.Color)	4279331540 (0xFF116AD4)
YUV	91.4730, 59.4198, -65.3128
Hunter-Lab	38.9624, 10.9303, -70.5843

Details

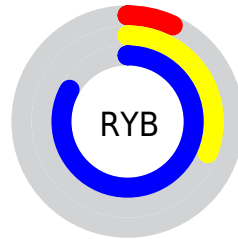
The YUV color **91.4730, 59.4198, -65.3128** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **137.5270, -59.4198, 65.3128**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3250, 50.6188, -42.3810**, and **53.0040, 50.7770, -46.4845** is the 20% darker color. If you saturate the color by 10%, you get **81.1070, 64.5302, -71.1308**, and if you desaturate by 10%, it is **104.7960, 52.8516, -58.5801**.

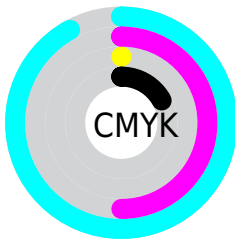
Distribution



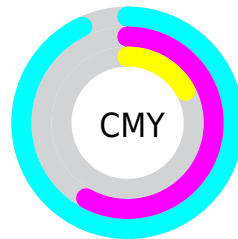
- Red (7%)
- Green (42%)
- Blue (83%)



- Red (7%)
- Yellow (31%)
- Blue (83%)



- Cyan (92%)
- Magenta (50%)
- Yellow (0%)
- Black (17%)



- Cyan (93%)
- Magenta (58%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.4730, 59.4198, -65.3128 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 91.4730, 59.4198, -65.3128 by changing the saturation by 10% instead.

■ 91.4730, 59.4198,
-65.3128

■ 91.4730, 59.4198,
-65.3128

255.0000, 0.0000,
0.0000

■ 69.1100, 56.6408,
-60.6095

■ 152.3250, 50.6188,
-42.3810

■ 53.0040, 50.7770,
-46.4845

■ 177.1550, 38.3776,
-36.0929

■ 38.3000, 45.2081,
-33.5891

■ 202.8600, 25.7050,
-31.4492

■ 24.1830, 39.3498,
-21.2085

■ 228.5650, 13.0325,
-26.8055

■ 14.8760, 31.6131,
-13.0463

■ 247.2260, 3.8326,
-15.9842

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 91.4730, 59.4198,
-65.3128

■ 91.4730, 59.4198,
-65.3128

■ 81.1070, 64.5302,
-71.1308

■ 104.7960, 52.8516,
-58.5801

■ 117.5320, 46.5727,
-51.3326

■ 131.1540, 39.8571,
-43.9851

■ 143.8900, 33.5782,
-36.7375

■ 157.2130, 27.0100,
-30.0048

■ 169.9490, 20.7311,
-22.7573

■ 183.2720, 14.1629,
-16.0245

■ 196.3070, 7.7366,
-8.1622

■ 209.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



95.7820, 57.2955, -84.0008



91.4730, 59.4198, -65.3128



111.2800, 35.8510, 27.8184

Triad

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



91.4730, 59.4198, -65.3128



101.4660, -33.2607, 75.0133



85.3160, -3.1138, -74.8221

Complementary

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



91.4730, 59.4198, -65.3128



137.5270, -59.4198, 65.3128

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.



87.2450, -32.1658, -43.1879



91.4730, 59.4198, -65.3128



102.6860, -50.6242, 44.1254

Square

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



91.4730, 59.4198, -65.3128



97.8510, -6.8285, 90.4617



98.9110, -48.7631, 7.0941



92.8740, 20.7681, -81.4505

Rectangle

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



91.4730, 59.4198, -65.3128



106.5850, 23.3756, 62.6310



98.9110, -48.7631, 7.0941



82.6770, -10.6868, -72.5077

Sweetspot

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



91.4730, 59.4198, -65.3128



210.8780, 21.7521, -23.5720



143.3210, -11.0043, -110.7835



100.7560, 13.4313, -14.6950



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.



91.4730, 59.4198, -65.3128



97.1620, 77.8141, -85.2111



41.0240, 84.2912, -15.8070



100.1890, 3.3578, -3.6738



65.2800, 52.1200, -57.2506



16.6420, 12.9945, -14.5950

Inverse Universe

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



85.4510, 10.1307, 110.9835



89.4690, 13.0798, 145.1707



187.9760, -84.2912, 15.8070



99.8590, 0.5625, 6.2627



60.0210, 8.8636, 97.3286



15.1370, 2.3975, 24.4359

Previews

White Background



This preview shows how the YUV color 91.4730, 59.4198, -65.3128 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 91.4730, 59.4198, -65.3128 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

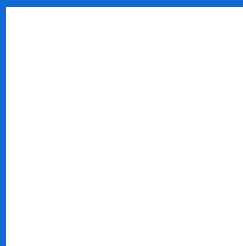
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 91.4730, 59.4198, -65.3128

Background



This preview shows how black text looks on a background with the YUV color 91.4730, 59.4198, -65.3128.



This preview shows how white text looks on a background with the YUV color 91.4730, 59.4198,

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

91.4730, 59.4198, -65.3128

Protanopia

98.1440, 55.1450, -47.4843

Deuteranopia

86.4580, 52.0322, -75.8237



Tritanopia

85.0320, 21.1832, -74.5731

Trichromacy



Original Color

91.4730, 59.4198, -65.3128

Protanomaly

95.8550, 56.7665, -54.2468

Deuteranomaly

88.4630, 54.4947, -72.3201

Tritanomaly

87.4250, 35.2865, -71.4097

Monochromacy



Original Color

91.4730, 59.4198, -65.3128

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8780, 21.7521, -23.5720

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.4730, 59.4198, -65.3128 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(17, 106, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 106, 212) }
```

Border

The CSS property to change the border of an element to YUV 91.4730, 59.4198, -65.3128 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, 212) }
```


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

```
.border{ border-color:rgb(17, 106, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 106, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 106, 212);  
box-shadow:4px 4px 4px 4px rgb(17, 106,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 91.4730, 59.4198, -65.3128 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, 212) }
```

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

```
.background{ background-color: rgb(17, 106,  
212) }
```

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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