

Converting Colors

YUV(101.1820, 50.6893,
-65.0576)

Have a look what the booklet for
YUV(101.1820, 50.6893, -65.0576)
contains.

YUV(101.1820, 50.6893, -65.0576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(101.1820, 50.6893,
-65.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	1B77CC
RGB	27, 119, 204
RGB Percent	11%, 47%, 80%
CMY	0.8941, 0.5333, 0.2000
CMYK	0.87, 0.42, 0.00, 0.20
HSL	209°, 77%, 45%
HSV	209°, 87%, 80%
XYZ	17.9479, 17.7863, 59.6139
YIQ	101.1820, -82.1170, 6.9310

Conversions

Conversions Part 2

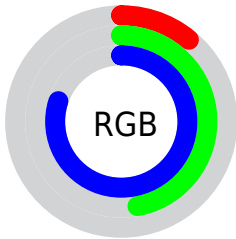
Format	Color
R_{YB}	27, 88, 204
Decimal	1800140
CIE _{Lab}	49.24, 5.67, -51.14
CIE _{LCh}	49, 51.453, 276.322
Yxy	17.7863, 0.1882, 0.1865
Android (android.graphics.Color)	4279990220 (0xFF1B77CC)
YUV	101.1820, 50.6893, -65.0576
Hunter-Lab	42.1738, 2.1601, -54.2865

Details

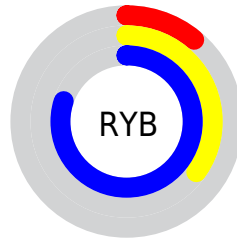
The YUV color **101.1820, 50.6893, -65.0576** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **129.8180, -50.6893, 65.0576**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8420, 46.4199, -48.9734**, and **58.6630, 44.5361, -51.4475** is the 20% darker color. If you saturate the color by 10%, you get **89.3320, 56.5313, -72.2052**, and if you desaturate by 10%, it is **113.0320, 44.8472, -57.9101**.

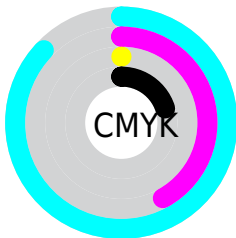
Distribution



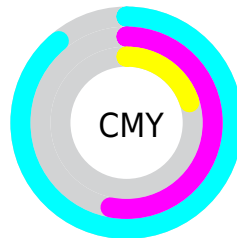
- Red (11%)
- Green (47%)
- Blue (80%)



- Red (11%)
- Yellow (35%)
- Blue (80%)



- Cyan (87%)
- Magenta (42%)
- Yellow (0%)
- Black (20%)



- Cyan (89%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.1820, 50.6893, -65.0576 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 101.1820, 50.6893, -65.0576 by changing the saturation by 10% instead.

■ 101.1820, 50.6893,
-65.0576

■ 101.1820, 50.6893,
-65.0576

255.0000, 0.0000,
0.0000

■ 75.8290, 49.3843,
-66.5020

■ 160.8420, 46.4199,
-48.9734

■ 58.6630, 44.5361,
-51.4475

■ 185.9600, 34.0367,
-43.8149

■ 43.3720, 39.2566,
-38.0372

■ 211.6650, 21.3642,
-39.1712

■ 28.6680, 33.6877,
-25.1418

■ 237.0710, 8.8390,
-35.1423

■ 12.4310, 29.8605,
-10.9020

■ 246.9270, 3.9800,
-16.5990

■ 8.0480, 20.6823,
-7.0581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 101.1820, 50.6893,
-65.0576

■ 101.1820, 50.6893,
-65.0576

■ 89.3320, 56.5313,
-72.2052

■ 113.0320, 44.8472,
-57.9101

■ 85.4780, 58.4313,
-74.9642

■ 125.1810, 38.8578,
-50.1477

■ 136.4440, 33.3051,
-42.4854

■ 148.5930, 27.3157,
-34.7231

■ 160.4430, 21.4736,
-27.5755

■ 172.2930, 15.6316,
-20.4280

■ 184.4420, 9.6421,
-12.6656

■ 195.7050, 4.0894,
-5.0033

■ 207.8540, -1.9000,
2.7590

Harmonies

Analogous

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



99.3550, 48.1390, -87.1343



101.1820, 50.6893, -65.0576



119.5890, 33.7266, 9.1304

Triad

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



101.1820, 50.6893, -65.0576



113.8700, -22.6139, 66.7660



88.3650, -4.1239, -77.4961

Complementary

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



101.1820, 50.6893, -65.0576



129.8180, -50.6893, 65.0576

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.



105.8120, -31.9523, -18.2521



101.1820, 50.6893, -65.0576



113.5690, -39.7205, 46.8590

Square

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



101.1820, 50.6893, -65.0576



114.8700, -2.4009, 70.2740



110.3730, -46.0329, 18.0899



95.2560, 14.6638, -83.5395

Rectangle

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



101.1820, 50.6893, -65.0576



120.5020, 22.4305, 39.0247



110.3730, -46.0329, 18.0899



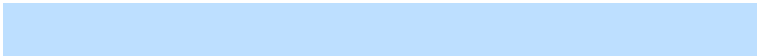
97.8430, -15.6986, -51.6053

Sweetspot

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



101.1820, 50.6893, -65.0576



216.4820, 18.9894, -24.1017



140.3610, -14.9680, -99.4176



104.8870, 11.3947, -14.8099



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.



101.1820, 50.6893, -65.0576



107.1410, 72.8945, -93.9627



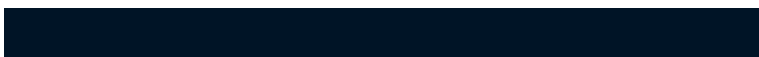
50.7000, 75.5769, -20.7849



96.0750, 2.9210, -3.5738



69.4060, 47.6208, -60.8691



16.0720, 10.8105, -14.0951

Inverse Universe

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



90.4110, 14.0944, 99.6176



91.4070, 20.5053, 143.4711



180.3000, -75.5769, 20.7849



95.5600, 0.7099, 5.6479



59.4380, 13.0951, 93.4549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 101.1820, 50.6893, -65.0576 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 101.1820, 50.6893, -65.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

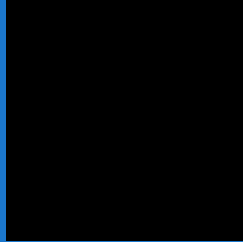
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 101.1820, 50.6893, -65.0576

Background



This preview shows how black text looks on a background with the YUV color 101.1820, 50.6893, -65.0576.



This preview shows how white text looks on a background with the YUV color 101.1820, 50.6893, -65.0576.

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

101.1820, 50.6893, -65.0576

Protanopia

113.2250, 42.2871, -30.0153

Deuteranopia

104.7810, 48.9150, -55.9359



Tritanopia

91.4550, 22.9467, -80.2060

Trichromacy



Original Color

101.1820, 50.6893, -65.0576

Protanomaly

108.9460, 45.3826, -42.9256

Deuteranomaly

103.2860, 49.6520, -59.0098

Tritanomaly

94.8330, 33.1133, -74.3985

Monochromacy



Original Color

101.1820, 50.6893, -65.0576

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

101.2540, 18.1158, -23.9018

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.1820, 50.6893, -65.0576 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(27, 119, 204)` looks like.

```
.text, #text, p{  
    color:rgb(27, 119, 204)  
}
```

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(27, 119, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 119, 204) }
```

Border

The CSS property to change the border of an element to YUV 101.1820, 50.6893, -65.0576 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(27, 119, 204) }
```


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

```
.border{ border-color:rgb(27, 119, 204) }
```

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

Here you see how a box with a 4 pixel rgb(27, 119, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 119, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 119, 204);  
box-shadow:4px 4px 4px 4px rgb(27, 119,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 101.1820, 50.6893, -65.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 119, 204) }
```

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

```
.background{ background-color: rgb(27, 119,  
204) }
```

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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