

Converting Colors

YUV(100.0850, 51.2301,
-51.8175)

Have a look what the booklet for
YUV(100.0850, 51.2301, -51.8175)
contains.

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Color

**YUV(100.0850, 51.2301,
-51.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	296ECC
RGB	41, 110, 204
RGB Percent	16%, 43%, 80%
CMY	0.8392, 0.5686, 0.2000
CMYK	0.80, 0.46, 0.00, 0.20
HSL	215°, 67%, 48%
HSV	215°, 80%, 80%
XYZ	17.3895, 15.9829, 59.2952
YIQ	100.0850, -71.2980, 14.6060

Conversions

Conversions Part 2

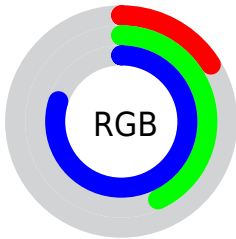
Format	Color
R_{YB}	41, 89, 204
Decimal	2715340
CIE _{Lab}	46.95, 12.50, -54.79
CIE _{LCh}	47, 56.194, 282.856
Yxy	15.9829, 0.1877, 0.1725
Android (android.graphics.Color)	4280905420 (0xFF296ECC)
YUV	100.0850, 51.2301, -51.8175
Hunter-Lab	39.9786, 7.6794, -59.9523

Details

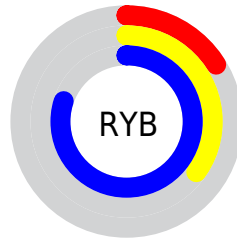
The YUV color **100.0850, 51.2301, -51.8175** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **144.9150, -51.2301, 51.8175**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.0650, 48.2820, -39.5220**, and **53.9670, 46.8513, -47.3291** is the 20% darker color. If you saturate the color by 10%, you get **87.0610, 57.6509, -57.9355**, and if you desaturate by 10%, it is **113.1090, 44.8093, -45.6996**.

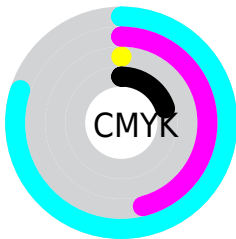
Distribution



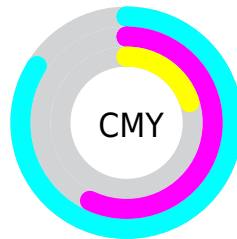
- Red (16%)
- Green (43%)
- Blue (80%)



- Red (16%)
- Yellow (35%)
- Blue (80%)



- Cyan (80%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.0850, 51.2301, -51.8175 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 100.0850, 51.2301, -51.8175 by changing the saturation by 10% instead.

■ 100.0850, 51.2301,
-51.8175

■ 100.0850, 51.2301,
-51.8175

■ 255.0000, 0.0000,
0.0000

■ 70.5460, 51.9888,
-61.8688

■ 157.0650, 48.2820,
-39.5220

■ 53.9670, 46.8513,
-47.3291

■ 181.8840, 36.0462,
-34.9783

■ 39.2630, 41.2823,
-34.4337

■ 207.0020, 23.6630,
-29.8198

■ 25.1460, 35.4240,
-22.0530

■ 232.9950, 10.8485,
-26.3056

■ 13.6050, 29.2817,
-11.9316

■ 248.4220, 3.2430,
-13.5251

■ 7.9340, 20.2455,
-6.9581

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 100.0850, 51.2301,
-51.8175

■ 100.0850, 51.2301,
-51.8175

■ 87.0610, 57.6509,
-57.9355

■ 113.1090, 44.8093,
-45.6996

■ 73.7380, 64.2192,
-64.6682

■ 126.4320, 38.2410,
-38.9669

■ 138.8690, 32.1096,
-32.3341

■ 152.1920, 25.5413,
-25.6014

■ 165.2160, 19.1205,
-19.4834

■ 178.2400, 12.6997,
-13.3655

■ 190.9760, 6.4208,
-6.1180

■ 204.0000, 0.0000,
0.0000

■ 217.3230, -6.5682,
6.7327

Harmonies

Analogous

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



95.8160, 52.3487, -84.0306



100.0850, 51.2301, -51.8175



114.4380, 32.8151, 21.5409

Triad

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



100.0850, 51.2301, -51.8175



106.6870, -28.4397, 68.6805



86.2450, -2.0928, -75.6369

Complementary

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



100.0850, 51.2301, -51.8175



144.9150, -51.2301, 51.8175

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.



95.8920, -30.0198, -31.4773



100.0850, 51.2301, -51.8175



105.2130, -49.8980, 44.5402

Square

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



100.0850, 51.2301, -51.8175



106.1870, -6.5012, 78.7660



101.8900, -50.2318, 11.4975



93.0050, 18.7315, -81.5654

Rectangle

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



100.0850, 51.2301, -51.8175



112.2370, 21.0822, 51.5352



101.8900, -50.2318, 11.4975



83.8340, -8.7922, -73.5224

Sweetspot

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



100.0850, 51.2301, -51.8175



216.2160, 19.1205, -19.4834



147.1690, -6.9853, -93.1102



104.0230, 11.8207, -11.4212



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.



100.0850, 51.2301, -51.8175



98.9780, 76.9188, -78.0337



62.8710, 69.5766, -9.5339



95.4880, 3.2104, -3.0590



60.0140, 52.2511, -52.6323



13.7240, 11.9681, -12.0359

Inverse Universe

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



97.6030, 6.1117, 93.3102



95.1110, 9.3123, 140.2227



182.1290, -69.5766, 9.5339



95.4460, 0.2731, 5.7479



57.6140, 6.1063, 95.0545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 100.0850, 51.2301, -51.8175 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 100.0850, 51.2301, -51.8175 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 100.0850, 51.2301, -51.8175 Background



This preview shows how black text looks on a background with the YUV color 100.0850, 51.2301, -51.8175.



This preview shows how white text looks on a background with the YUV color 100.0850, 51.2301, -51.8175.

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

100.0850, 51.2301, -51.8175

Protanopia

105.4460, 47.1081, -36.3481

Deuteranopia

89.0170, 54.2216, -78.0679



Tritanopia

87.2490, 22.0622, -76.5174

Trichromacy



Original Color

100.0850, 51.2301, -51.8175

Protanomaly

103.7550, 48.4348, -41.8811

Deuteranomaly

93.1430, 53.1735, -68.5314

Tritanomaly

91.7630, 32.6548, -67.3212

Monochromacy



Original Color

100.0850, 51.2301, -51.8175

Achromatopsia

100.0000, 0.0000, 0.0000

Achromatomaly

100.4010, 18.5363, -18.7687

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.0850, 51.2301, -51.8175 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(41, 110, 204)` looks like.

```
.text, #text, p{  
    color:rgb(41, 110, 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(41, 110, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 110, 204) }
```

Border

The CSS property to change the border of an element to YUV 100.0850, 51.2301, -51.8175 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(41, 110, 204) }
```


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

```
.border{ border-color:rgb(41, 110, 204) }
```

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

Here you see how a box with a 4 pixel rgb(41, 110, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 110, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 110, 204);  
box-shadow:4px 4px 4px 4px rgb(41, 110,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 100.0850, 51.2301, -51.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 110, 204) }
```

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

```
.background{ background-color: rgb(41, 110,  
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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