

Converting Colors

YUV(128.6380, 25.8145,
-19.8535)

Have a look what the booklet for
YUV(128.6380, 25.8145, -19.8535)
contains.

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Color

**YUV(128.6380, 25.8145,
-19.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	6A82B5
RGB	106, 130, 181
RGB Percent	42%, 51%, 71%
CMY	0.5843, 0.4902, 0.2902
CMYK	0.41, 0.28, 0.00, 0.29
HSL	221°, 34%, 56%
HSV	221°, 41%, 71%
XYZ	22.2670, 22.3656, 46.8595
YIQ	128.6380, -30.6750, 10.7730

Conversions

Conversions Part 2

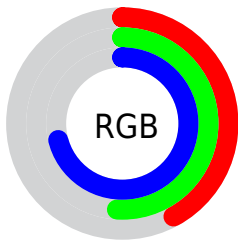
Format	Color
R_{YB}	106, 124, 181
Decimal	6980277
CIE _{Lab}	54.41, 4.73, -29.60
CIE _{LCh}	54, 29.973, 279.077
Yxy	22.3656, 0.2434, 0.2445
Android (android.graphics.Color)	4285170357 (0xFF6A82B5)
YUV	128.6380, 25.8145, -19.8535
Hunter-Lab	47.2923, 1.2829, -25.6427

Details

The YUV color **128.6380, 25.8145, -19.8535** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **158.3620, -25.8145, 19.8535**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2790, 26.9775, -19.5387**, and **77.9860, 24.6569, -21.9127** is the 20% darker color. If you saturate the color by 10%, you get **116.2120, 31.9405, -24.7419**, and if you desaturate by 10%, it is **141.0640, 19.6884, -14.9651**.

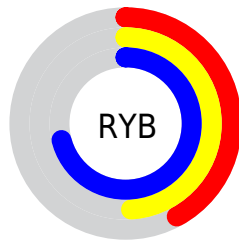
Distribution



Red (42%)

Green (51%)

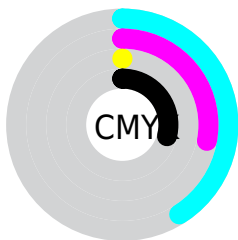
Blue (71%)



Red (42%)

Yellow (49%)

Blue (71%)

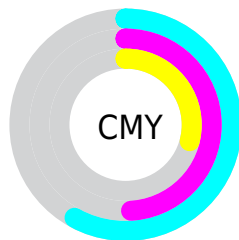


Cyan (41%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.6380, 25.8145, -19.8535 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 128.6380, 25.8145, -19.8535 by changing the saturation by 10% instead.

■ 128.6380, 25.8145,
-19.8535

■ 128.6380, 25.8145,
-19.8535

■ 255.0000, 0.0000,
0.0000

■ 103.1110, 25.0883,
-20.2683

■ 182.2790, 26.9775,
-19.5387

■ 77.9860, 24.6569,
-21.9127

■ 208.5520, 22.8989,
-18.0241

■ 53.2630, 24.5203,
-24.7867

■ 233.9470, 10.3791,
-15.7395

■ 30.6110, 23.3628,
-26.8458

■ 252.0100, 1.4741,
-6.1478

■ 15.6620, 19.3936,
-13.7356

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 128.6380, 25.8145,
-19.8535

■ 128.6380, 25.8145,
-19.8535

■ 116.2120, 31.9405,
-24.7419

■ 141.0640, 19.6884,
-14.9651

■ 103.1990, 38.3559,
-29.1155

■ 154.0770, 13.2730,
-10.5915

■ 90.7730, 44.4819,
-34.0039

■ 166.5030, 7.1470,
-5.7031

■ 78.3470, 50.6079,
-38.8923

■ 178.9290, 1.0210,
-0.8147

■ 65.0350, 57.1707,
-43.8807

■ 192.2410, -5.5418,
4.1736

■ 54.6800, 62.2758,
-47.9544

■ 204.6670,
-11.6678, 9.0620

■ 217.0930,
-17.7938, 13.9504

■ 229.5190,
-23.9199, 18.8388

■ 238.3460,
-28.2716, 14.6056

Harmonies

Analogous

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



119.8360, 28.6749, -50.7222



128.6380, 25.8145, -19.8535



133.1640, 18.1601, 8.6262

Triad

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



128.6380, 25.8145, -19.8535



131.4260, -15.9860, 40.8454



120.5150, -4.6909, -35.5317

Complementary

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



128.6380, 25.8145, -19.8535



158.3620, -25.8145, 19.8535

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.



124.3410, -17.4231, -11.7001



128.6380, 25.8145, -19.8535



129.6990, -23.5156, 29.2050

Square

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



128.6380, 25.8145, -19.8535



132.4120, -4.6401, 41.7347



127.6490, -24.4770, 10.8318



113.6010, 11.5357, -60.1631

Rectangle

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



128.6380, 25.8145, -19.8535



133.8410, 11.4174, 24.6954



127.6490, -24.4770, 10.8318



121.7180, -9.2280, -26.9397

Sweetspot

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



128.6380, 25.8145, -19.8535



214.5890, 10.0626, -7.5326



155.7250, 0.1356, -43.6088



105.7590, 5.5418, -4.1736



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128.6380, 25.8145, -19.8535



152.7580, 40.5453, -31.3598



118.1380, 30.9910, -0.1210



82.7870, 3.0630, -2.4442



46.2050, 52.6499, -40.5218



7.6600, 9.0416, -6.7178

Inverse Universe

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



131.1610, -0.5724, 43.7088



156.6140, -0.7957, 68.7445



168.8620, -30.9910, 0.1210



83.0330, -0.0163, 5.2331



51.3330, -1.1502, 89.1620



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 128.6380, 25.8145, -19.8535 looks on a white background.

Color Contrast Check

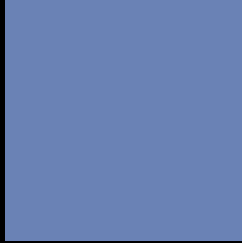
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.6380, 25.8145, -19.8535 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

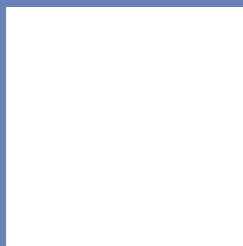
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 128.6380, 25.8145, -19.8535

Background



This preview shows how black text looks on a background with the YUV color 128.6380, 25.8145, -19.8535.



This preview shows how white text looks on a background with the YUV color 128.6380, 25.8145, -19.8535.

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

128.6380, 25.8145, -19.8535

Protanopia

129.6280, 24.3404, -13.7058

Deuteranopia

129.2580, 25.5088, -15.1353



Tritanopia

125.5930, 10.5537, -25.0761

Trichromacy



Original Color

128.6380, 25.8145, -19.8535

Protanomaly

129.4320, 24.9300, -16.1649

Deuteranomaly

129.2470, 25.5142, -16.8796

Tritanomaly

126.6840, 15.9318, -23.4019

Monochromacy



Original Color

128.6380, 25.8145, -19.8535

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7740, 9.4784, -6.8178

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.6380, 25.8145, -19.8535 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(106, 130, 181)` looks like.

```
.text, #text, p{  
    color:rgb(106, 130, 181)  
}
```

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(106, 130, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 130, 181) }
```

Border

The CSS property to change the border of an element to YUV 128.6380, 25.8145, -19.8535 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(106, 130, 181) }
```


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

```
.border{ border-color:rgb(106, 130, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 130, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 130, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 130, 181);  
box-shadow:4px 4px 4px 4px rgb(106, 130,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 128.6380, 25.8145, -19.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 130, 181) }
```

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

```
.background{ background-color: rgb(106,  
130, 181) }
```

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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