

Converting Colors

YUV(128.2310, 19.6061,
-35.2826)

Have a look what the booklet for
YUV(128.2310, 19.6061, -35.2826)
contains.

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Color

**YUV(128.2310, 19.6061,
-35.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	588DA8
RGB	88, 141, 168
RGB Percent	35%, 55%, 66%
CMY	0.6549, 0.4471, 0.3412
CMYK	0.48, 0.16, 0.00, 0.34
HSL	200°, 31%, 50%
HSV	200°, 48%, 66%
XYZ	20.6173, 23.9516, 40.5823
YIQ	128.2310, -40.2550, -2.8390

Conversions

Conversions Part 2

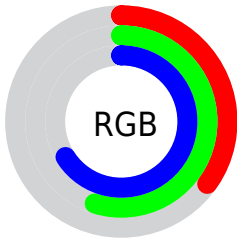
Format	Color
R_{YB}	88, 120, 168
Decimal	5803432
CIE _{Lab}	56.04, -10.09, -19.73
CIE _{LCh}	56, 22.157, 242.908
Yxy	23.9516, 0.2421, 0.2813
Android (android.graphics.Color)	4283993512 (0xFF588DA8)
YUV	128.2310, 19.6061, -35.2826
Hunter-Lab	48.9404, -10.4484, -14.9061

Details

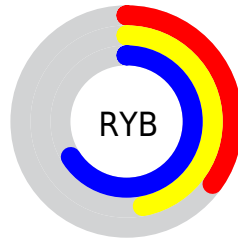
The YUV color **128.2310, 19.6061, -35.2826** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **127.7690, -19.6061, 35.2826**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3450, 20.0429, -35.3826**, and **76.2090, 19.6170, -38.7713** is the 20% darker color. If you saturate the color by 10%, you get **119.6260, 23.8484, -42.6450**, and if you desaturate by 10%, it is **136.8360, 15.3639, -27.9202**.

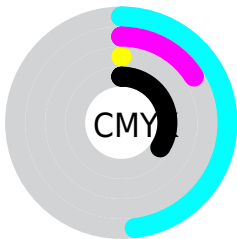
Distribution



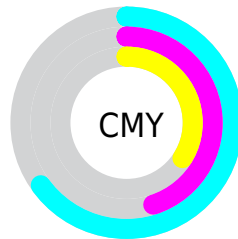
- Red (35%)
- Green (55%)
- Blue (66%)



- Red (35%)
- Yellow (47%)
- Blue (66%)



- Cyan (48%)
- Magenta (16%)
- Yellow (0%)
- Black (34%)



- Cyan (65%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.2310, 19.6061, -35.2826 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 128.2310, 19.6061, -35.2826 by changing the saturation by 10% instead.

■ 128.2310, 19.6061,
-35.2826

■ 128.2310, 19.6061,
-35.2826

■ 255.0000, 0.0000,
0.0000

■ 101.9320, 19.7535,
-35.8974

■ 182.3450, 20.0429,
-35.3826

■ 76.2090, 19.6170,
-38.7713

■ 210.4590, 20.4797,
-35.4825

■ 49.7030, 20.3594,
-43.5895

■ 235.6090, 9.5598,
-32.9831

■ 34.1670, 16.6797,
-29.9645

■ 246.6280, 4.1274,
-17.2138

■ 19.8050, 12.4211,
-17.3690

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,

0.0000

■ 128.2310, 19.6061,
-35.2826

■ 128.2310, 19.6061,
-35.2826

■ 119.6260, 23.8484,
-42.6450

■ 136.8360, 15.3639,
-27.9202

■ 111.6080, 27.8013,
-50.5222

■ 144.8540, 11.4110,
-20.0430

■ 103.3020, 31.8961,
-57.2699

■ 153.1600, 7.3161,
-13.2953

■ 94.6970, 36.1384,
-64.6323

■ 161.7650, 3.0739,
-5.9329

■ 86.6790, 40.0913,
-72.5095

■ 169.7830, -0.8790,
1.9443

■ 84.3090, 41.2597,
-73.9390

■ 178.3880, -5.1213,
9.3067

■ 186.9930, -9.3635,
16.6691

■ 194.7120,
-13.1690, 23.9316

■ 203.3170,
-17.4113, 31.2940

Harmonies

Analogous

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



124.9220, 14.8285, -42.9046



128.2310, 19.6061, -35.2826



132.6400, 19.4045, -17.2243

Triad

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



128.2310, 19.6061, -35.2826



137.0300, -1.9868, 30.6687



130.8950, -14.2452, -4.2929

Complementary

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



128.2310, 19.6061, -35.2826



127.7690, -19.6061, 35.2826

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.



133.2560, -18.3672, 11.1765



128.2310, 19.6061, -35.2826



136.0380, -10.8647, 31.5387

Square

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



128.2310, 19.6061, -35.2826



137.6680, 7.0657, 20.4622



134.8000, -16.6634, 24.7314



127.9620, -5.8973, -21.8917

Rectangle

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



128.2310, 19.6061, -35.2826



135.4460, 17.0351, -3.8991



134.8000, -16.6634, 24.7314



132.0590, -16.2981, 0.8253

Sweetspot

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



128.2310, 19.6061, -35.2826



204.1600, 7.3161, -13.2953



138.0380, -11.3577, -43.8833



100.2100, 4.8265, -8.0772



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



128.2310, 19.6061, -35.2826



156.9710, 30.5803, -55.2256



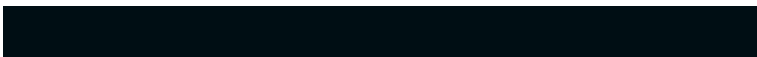
104.7510, 31.1818, -14.6906



79.8470, 2.0474, -3.3738



74.3980, 36.2858, -65.2470



10.4980, 4.6845, -9.2067

Inverse Universe

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



117.9620, 11.3577, 43.8833



140.8370, 17.8284, 68.5490



151.2490, -31.1818, 14.6906



78.9620, 1.0047, 4.4183



55.4240, 20.9900, 81.1892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 128.2310, 19.6061, -35.2826 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 128.2310, 19.6061, -35.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

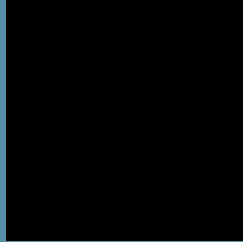
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.2310, 19.6061, -35.2826

Background



This preview shows how black text looks on a background with the YUV color 128.2310, 19.6061, -35.2826.



This preview shows how white text looks on a background with the YUV color 128.2310, 19.6061, -35.2826.

-35.2826.

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

128.2310, 19.6061, -35.2826

Protanopia

133.9250, 13.8410, -6.0732

Deuteranopia

134.5490, 17.4773, -5.7435



Tritanopia

126.7270, 13.9386, -37.4716

Trichromacy



Original Color

128.2310, 19.6061, -35.2826

Protanomaly

131.7280, 15.9101, -16.4245

Deuteranomaly

132.2980, 18.0941, -16.9243

Tritanomaly

127.0090, 16.2646, -36.8419

Monochromacy



Original Color

128.2310, 19.6061, -35.2826

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

128.1600, 7.3161, -13.2953

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.2310, 19.6061, -35.2826 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(88, 141, 168)` looks like.

```
.text, #text, p{  
    color:rgb(88, 141, 168)  
}
```

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(88, 141, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 141, 168) }
```

Border

The CSS property to change the border of an element to YUV 128.2310, 19.6061, -35.2826 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(88, 141, 168) }
```


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

```
.border{ border-color:rgb(88, 141, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 141, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 141, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 141, 168);  
box-shadow:4px 4px 4px 4px rgb(88, 141,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 128.2310, 19.6061, -35.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 141, 168) }
```

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

```
.background{ background-color: rgb(88, 141,  
168) }
```

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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