

Converting Colors

YUV(112.1200, 31.4928,
-21.1532)

Have a look what the booklet for
YUV(112.1200, 31.4928, -21.1532)
contains.

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Color

**YUV(112.1200, 31.4928,
-21.1532)**

Conversions

Conversions Part 1

Format	Color
Hex	5870B0
RGB	88, 112, 176
RGB Percent	35%, 44%, 69%
CMY	0.6549, 0.5608, 0.3098
CMYK	0.50, 0.36, 0.00, 0.31
HSL	224°, 36%, 52%
HSV	224°, 50%, 69%
XYZ	17.6551, 16.7976, 43.3860
YIQ	112.1200, -34.8480, 14.8160

Conversions

Conversions Part 2

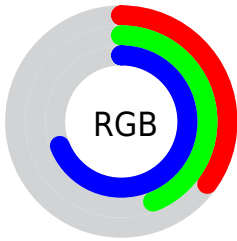
Format	Color
R _Y B	88, 107, 176
Decimal	5796016
CIE Lab	48.00, 9.41, -36.82
CIE LCh	48, 38.003, 284.331
Yxy	16.7976, 0.2268, 0.2158
Android (android.graphics.Color)	4283986096 (0xFF5870B0)
YUV	112.1200, 31.4928, -21.1532
Hunter-Lab	40.9849, 5.1691, -34.0741

Details

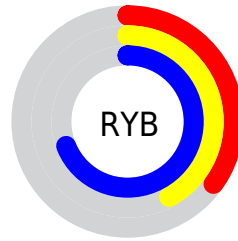
The YUV color **112.1200, 31.4928, -21.1532** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **151.8800, -31.4928, 21.1532**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8860, 33.0872, -19.1940**, and **61.4460, 30.3461, -26.7011** is the 20% darker color. If you saturate the color by 10%, you get **99.1070, 37.9082, -25.5268**, and if you desaturate by 10%, it is **125.1330, 25.0774, -16.7796**.

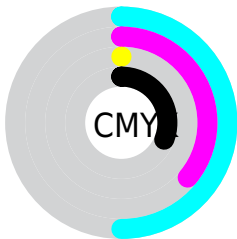
Distribution



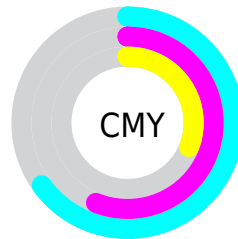
- Red (35%)
- Green (44%)
- Blue (69%)



- Red (35%)
- Yellow (42%)
- Blue (69%)



- Cyan (50%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (65%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1200, 31.4928, -21.1532 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 112.1200, 31.4928, -21.1532 by changing the saturation by 10% instead.

■ 112.1200, 31.4928,
-21.1532

■ 112.1200, 31.4928,
-21.1532

■ 255.0000, 0.0000,
0.0000

■ 86.8810, 30.6247,
-22.6976

■ 164.8860, 33.0872,
-19.1940

■ 61.4460, 30.3461,
-26.7011

■ 191.4300, 31.3400,
-18.7941

■ 36.4130, 30.3624,
-31.9342

■ 216.5370, 18.9623,
-15.3799

■ 21.9370, 25.6671,
-19.2387

■ 242.2310, 6.2951,
-12.4806

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,

0.0000

■ 112.1200, 31.4928,
-21.1532

■ 112.1200, 31.4928,
-21.1532

■ 99.1070, 37.9082,
-25.5268

■ 125.1330, 25.0774,
-16.7796

■ 86.3930, 44.1763,
-29.2857

■ 137.8470, 18.8094,
-13.0208

■ 73.9670, 50.3023,
-34.1741

■ 150.2730, 12.6834,
-8.1324

■ 61.2530, 56.5703,
-37.9329

■ 162.9870, 6.4154,
-4.3736

■ 48.2400, 62.9857,
-42.3065

■ 176.0000, 0.0000,
0.0000

■ 189.0130, -6.4154,
4.3736

■ 201.7270,
-12.6834, 8.1324

■ 214.1530,
-18.8094, 13.0208

■ 226.8670,
-25.0774, 16.7796

Harmonies

Analogous

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



91.5640, 41.1339, -80.3016



112.1200, 31.4928, -21.1532



117.0170, 21.1906, 16.6481

Triad

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



112.1200, 31.4928, -21.1532



113.7920, -21.0965, 46.6634



95.0390, 0.4738, -58.7932

Complementary

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



112.1200, 31.4928, -21.1532



151.8800, -31.4928, 21.1532

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.



105.4170, -19.4326, -20.5367



112.1200, 31.4928, -21.1532



111.9890, -30.0676, 30.7046

Square

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



112.1200, 31.4928, -21.1532



114.4950, -7.1460, 52.1859



109.5470, -29.8497, 7.4133



91.0160, 18.7261, -79.8210

Rectangle

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



112.1200, 31.4928, -21.1532



117.1350, 12.2584, 34.9616



109.5470, -29.8497, 7.4133



100.0750, -7.4320, -43.0388

Sweetspot

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



112.1200, 31.4928, -21.1532



204.2730, 12.6834, -8.1324



146.8380, 2.0519, -51.6009



99.9160, 7.4364, -5.1883



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



112.1200, 31.4928, -21.1532



129.4510, 49.5707, -32.8445



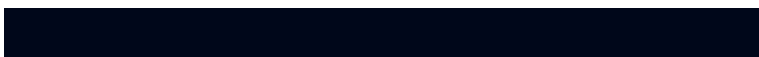
103.7130, 35.6375, 2.8827



82.7870, 3.0630, -2.4442



42.0960, 54.6757, -36.9182



7.0730, 9.3310, -6.2030

Inverse Universe

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



117.0480, -2.4887, 51.7009



137.4800, -4.1806, 81.1400



160.2870, -35.6375, -2.8827



83.0330, -0.0163, 5.2331



50.5350, -4.2078, 89.8618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 112.1200, 31.4928, -21.1532 looks on a white background.

Color Contrast Check

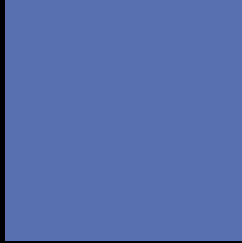
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.1200, 31.4928, -21.1532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

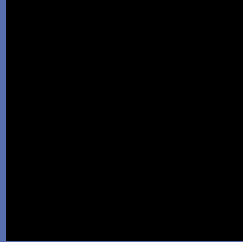
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

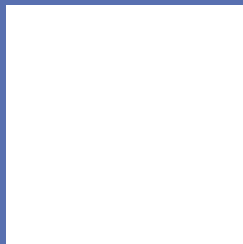
Any Text WCAG AAA × Fail

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

YUV 112.1200, 31.4928, -21.1532 Background



This preview shows how black text looks on a background with the YUV color 112.1200, 31.4928, -21.1532.

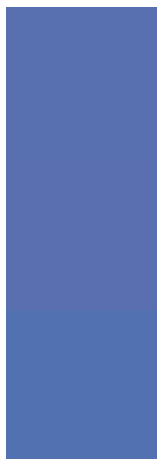


This preview shows how white text looks on a background with the YUV color 112.1200, 31.4928, -21.1532.

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

112.1200, 31.4928, -21.1532

Protanopia

112.1310, 31.4874, -19.4089

Deuteranopia

110.9130, 32.0879, -25.3567



Tritanopia

108.0870, 11.2961, -29.8943

Trichromacy



Original Color

112.1200, 31.4928, -21.1532

Protanomaly

111.8320, 31.6348, -20.0237

Deuteranomaly

111.5110, 31.7931, -24.1271

Tritanomaly

109.6450, 18.4160, -26.8757

Monochromacy



Original Color

112.1200, 31.4928, -21.1532

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.9310, 11.3730, -7.8325

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1200, 31.4928, -21.1532 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, 112, 176)` looks like.

```
.text, #text, p{  
    color:rgb(88, 112, 176)  
}
```

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, 112, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 112, 176) }
```

Border

The CSS property to change the border of an element to YUV 112.1200, 31.4928, -21.1532 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, 112, 176) }
```


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

```
.border{ border-color:rgb(88, 112, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 112, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 112, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 112, 176);  
box-shadow:4px 4px 4px 4px rgb(88, 112,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 112.1200, 31.4928, -21.1532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 112, 176) }
```

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

```
.background{ background-color: rgb(88, 112,  
176) }
```

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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