

Converting Colors

YUV(125.1420, 31.4820,
-17.6645)

Have a look what the booklet for
YUV(125.1420, 31.4820, -17.6645)
contains.

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Color

**YUV(125.1420, 31.4820,
-17.6645)**

Conversions

Conversions Part 1

Format	Color
Hex	697BBD
RGB	105, 123, 189
RGB Percent	41%, 48%, 74%
CMY	0.5882, 0.5176, 0.2588
CMYK	0.44, 0.35, 0.00, 0.26
HSL	227°, 39%, 58%
HSV	227°, 44%, 74%
XYZ	22.0940, 20.8433, 51.0028
YIQ	125.1420, -31.9140, 16.7100

Conversions

Conversions Part 2

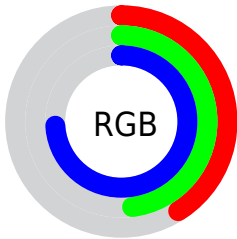
Format	Color
R _Y B	105, 120, 189
Decimal	6912957
CIE Lab	52.78, 10.98, -36.74
CIE LCh	53, 38.347, 286.633
Yxy	20.8433, 0.2352, 0.2219
Android (android.graphics.Color)	4285103037 (0xFF697BBD)
YUV	125.1420, 31.4820, -17.6645
Hunter-Lab	45.6545, 6.4878, -34.2776

Details

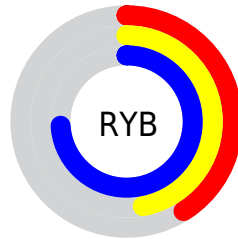
The YUV color **125.1420, 31.4820, -17.6645** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **168.8580, -31.4820, 17.6645**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6090, 33.2238, -16.3201**, and **74.6640, 29.7456, -20.7533** is the 20% darker color. If you saturate the color by 10%, you get **110.6560, 38.6236, -21.6233**, and if you desaturate by 10%, it is **139.6280, 24.3404, -13.7058**.

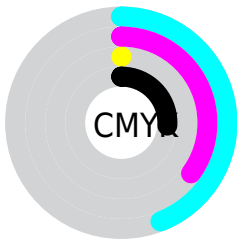
Distribution



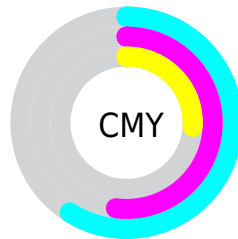
- Red (41%)
- Green (48%)
- Blue (74%)



- Red (41%)
- Yellow (47%)
- Blue (74%)



- Cyan (44%)
- Magenta (35%)
- Yellow (0%)
- Black (26%)



- Cyan (59%)
- Magenta (52%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.1420, 31.4820, -17.6645 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 125.1420, 31.4820, -17.6645 by changing the saturation by 10% instead.

■ 125.1420, 31.4820,
-17.6645

■ 125.1420, 31.4820,
-17.6645

■ 255.0000, 0.0000,
0.0000

■ 99.3160, 30.9032,
-18.6941

■ 178.6090, 33.2238,
-16.3201

■ 74.6640, 29.7456,
-20.7533

■ 204.4430, 24.9246,
-14.4205

■ 48.7450, 30.1987,
-26.0864

■ 229.2510, 12.6943,
-11.6211

■ 28.4740, 27.8673,
-24.9717

■ 252.3090, 1.3267,
-5.5330

■ 11.0630, 24.6189,
-9.7023

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,
0.0000

■ 125.1420, 31.4820,
-17.6645

■ 125.1420, 31.4820,
-17.6645

■ 110.6560, 38.6236,
-21.6233

■ 139.6280, 24.3404,
-13.7058

■ 96.1700, 45.7652,
-25.5821

■ 154.1140, 17.1988,
-9.7470

■ 81.6840, 52.9068,
-29.5409

■ 168.6000, 10.0572,
-5.7882

■ 67.7850, 59.7590,
-34.0144

■ 182.4990, 3.2050,
-1.3146

■ 53.2990, 66.9006,
-37.9732

■ 196.9850, -3.9366,
2.6442

■ 45.6130, 70.6898,
-40.0026

■ 211.1720,
-10.9308, 5.9882

■ 225.6580,
-18.0724, 9.9469

■ 239.8450,
-25.0666, 13.2909

■ 247.4760,
-28.8287, 6.5985

Harmonies

Analogous

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



107.1950, 40.8229, -73.8390



125.1420, 31.4820, -17.6645



129.5120, 20.4536, 19.7220

Triad

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



125.1420, 31.4820, -17.6645



125.6350, -22.9911, 47.6781



106.9570, 1.5002, -61.3523

Complementary

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



125.1420, 31.4820, -17.6645



168.8580, -31.4820, 17.6645

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.



117.2210, -18.8430, -22.9958



125.1420, 31.4820, -17.6645



124.3480, -31.2306, 30.3898

Square

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



125.1420, 31.4820, -17.6645



127.0500, -8.8986, 54.3302



121.5360, -29.8442, 5.6689



100.3570, 21.5160, -88.0131

Rectangle

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



125.1420, 31.4820, -17.6645



129.6300, 11.5214, 38.0355



121.5360, -29.8442, 5.6689



111.6940, -6.2581, -46.2126

Sweetspot

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



125.1420, 31.4820, -17.6645



220.7570, 11.9518, -6.8029



161.8320, 4.5198, -49.8417



107.5140, 7.1416, -3.9588



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



125.1420, 31.4820, -17.6645



146.2560, 48.6808, -27.4115



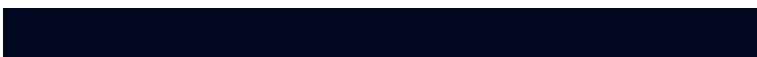
121.7520, 33.1533, 6.3565



87.2000, 3.3524, -1.9294



37.9700, 59.1748, -33.2997



7.6430, 11.5150, -6.7029

Inverse Universe

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



132.1680, -4.5198, 49.8417



157.0620, -6.9326, 77.1216



172.2480, -33.1533, -6.3565



87.9190, -0.4531, 5.3330



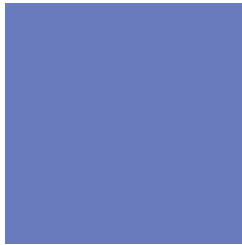
51.1180, -8.4392, 93.7355



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 125.1420, 31.4820, -17.6645 looks on a white background.

Color Contrast Check

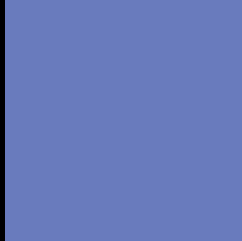
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.1420, 31.4820, -17.6645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

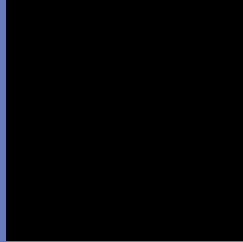
Any Text WCAG AA ✓ Pass

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 125.1420, 31.4820, -17.6645 Background



This preview shows how black text looks on a background with the YUV color 125.1420, 31.4820, -17.6645.



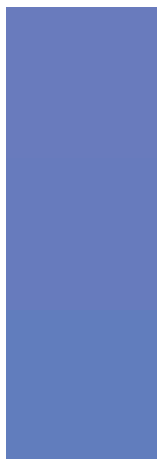
This preview shows how white text looks on a background with the YUV color 125.1420, 31.4820, -17.6645.

-17.6645.

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

125.1420, 31.4820, -17.6645

Protanopia

124.5440, 31.7768, -18.8941

Deuteranopia

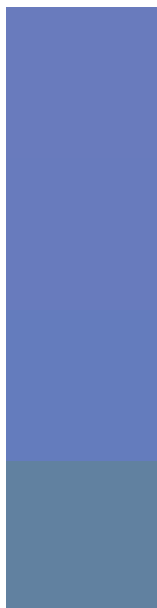
123.9240, 32.0825, -23.6123



Tritanopia

121.2940, 10.7011, -25.6908

Trichromacy



Original Color

125.1420, 31.4820, -17.6645

Protanomaly

124.8430, 31.6294, -18.2793

Deuteranomaly

124.2340, 31.9296, -21.2532

Tritanomaly

122.9660, 18.2578, -22.7722

Monochromacy



Original Color

125.1420, 31.4820, -17.6645

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.9420, 11.3676, -6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.1420, 31.4820, -17.6645 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(105, 123, 189)` looks like.

```
.text, #text, p{  
    color:rgb(105, 123, 189)  
}
```

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(105, 123, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 123, 189) }
```

Border

The CSS property to change the border of an element to YUV 125.1420, 31.4820, -17.6645 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(105, 123, 189) }
```


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

```
.border{ border-color:rgb(105, 123, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 123, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 123, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 123, 189);  
box-shadow:4px 4px 4px 4px rgb(105, 123,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 125.1420, 31.4820, -17.6645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 123, 189) }
```

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

```
.background{ background-color: rgb(105,  
123, 189) }
```

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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