

Converting Colors

YUV(131.2180, 16.1615,
-3.6992)

Have a look what the booklet for
YUV(131.2180, 16.1615, -3.6992)
contains.

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Color

**YUV(131.2180, 16.1615,
-3.6992)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7FA4
RGB	127, 127, 164
RGB Percent	50%, 50%, 64%
CMY	0.5020, 0.5020, 0.3569
CMYK	0.23, 0.23, 0.00, 0.36
HSL	240°, 17%, 57%
HSV	240°, 23%, 64%
XYZ	23.0426, 22.3711, 38.2255
YIQ	131.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

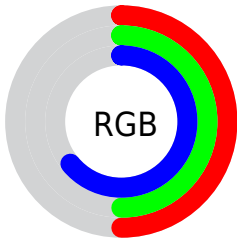
Format	Color
R_{YB}	127, 127, 164
Decimal	8355748
CIE _{Lab}	54.42, 8.24, -19.68
CIE _{LCh}	54, 21.334, 292.725
Yxy	22.3711, 0.2755, 0.2675
Android (android.graphics.Color)	4286545828 (0xFF7F7FA4)
YUV	131.2180, 16.1615, -3.6992
Hunter-Lab	47.2981, 4.1896, -14.8085

Details

The YUV color **131.2180, 16.1615, -3.6992** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **159.7820, -16.1615, 3.6992**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4460, 17.0351, -3.8991**, and **81.5770, 14.9985, -4.0140** is the 20% darker color. If you saturate the color by 10%, you get **117.0420, 23.1503, -5.2988**, and if you desaturate by 10%, it is **145.3940, 9.1728, -2.0995**.

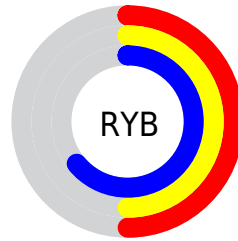
Distribution



Red (50%)

Green (50%)

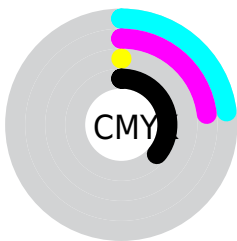
Blue (64%)



Red (50%)

Yellow (50%)

Blue (64%)

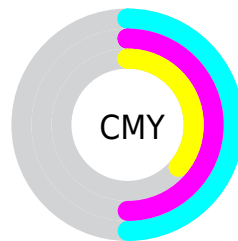


Cyan (23%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (50%)

Magenta (50%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.2180, 16.1615, -3.6992 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 131.2180, 16.1615, -3.6992 by changing the saturation by 10% instead.

■ 131.2180, 16.1615,
-3.6992

■ 131.2180, 16.1615,
-3.6992

255.0000, 0.0000,
0.0000

■ 106.1040, 15.7247,
-3.5992

■ 184.4460, 17.0351,
-3.8991

■ 81.5770, 14.9985,
-4.0140

■ 211.9730, 17.7613,
-3.4843

■ 58.1640, 14.7091,
-4.5288

■ 237.5790, 8.5886,
-1.3848

■ 36.5230, 13.5462,
-4.8437

■ 14.5230, 13.5462,
-4.8437

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,

0.0000

■ 131.2180, 16.1615,
-3.6992

■ 131.2180, 16.1615,
-3.6992

■ 117.0420, 23.1503,
-5.2988

■ 145.3940, 9.1728,
-2.0995

■ 101.9800, 30.5759,
-6.9985

■ 160.4560, 1.7472,
-0.3999

■ 87.8040, 37.5646,
-8.5981

■ 174.6320, -5.2416,
1.1997

■ 72.7420, 44.9902,
-10.2977

■ 189.6940,
-12.6671, 2.8994

■ 58.5660, 51.9790,
-11.8974

■ 203.8700,
-19.6559, 4.4990

■ 44.3900, 58.9677,
-13.4970

■ 218.0460,
-26.6447, 6.0987

■ 29.3280, 66.3933,
-15.1967

■ 233.1080,
-34.0702, 7.7983

■ 18.6960, 71.6349,
-16.3964

■ 244.6260,
-39.7486, 9.0980

Harmonies

Analogous

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



127.1940, 19.1314, -22.9721



131.2180, 16.1615, -3.6992



133.3190, 9.7027, 14.6292

Triad

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



131.2180, 16.1615, -3.6992



131.0930, -14.3428, 27.1054



122.7420, 1.1132, -30.4687

Complementary

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



131.2180, 16.1615, -3.6992



159.7820, -16.1615, 3.6992

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.



125.4960, -9.1185, -15.3440



131.2180, 16.1615, -3.6992



129.5170, -17.5099, 16.2096

Square

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



131.2180, 16.1615, -3.6992



132.2490, -7.5178, 31.3536



127.5860, -15.5719, 1.2401



121.3200, 11.1812, -39.7456

Rectangle

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



131.2180, 16.1615, -3.6992



133.2940, 4.2921, 23.4212



127.5860, -15.5719, 1.2401



123.8520, -2.3920, -26.1802

Sweetspot

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



131.2180, 16.1615, -3.6992



200.7100, 6.5520, -1.4997



152.9370, 5.4541, -22.7467



99.9120, 3.4944, -0.7998



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



131.2180, 16.1615, -3.6992



162.6120, 25.3343, -5.7987



136.8990, 13.3608, 7.9816



74.0260, 3.9312, -0.8998



16.5300, 63.3357, -14.4968



2.0520, 7.8624, -1.7996

Inverse Universe

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



142.2810, 10.7075, 19.0476



179.9540, 16.7847, 29.8583



154.4000, -13.5082, -7.3668



76.7170, 2.6045, 4.6332



59.8850, 41.9617, 74.6459



7.4340, 5.2090, 9.2664

Previews

White Background



This preview shows how the YUV color 131.2180, 16.1615, -3.6992 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 131.2180, 16.1615, -3.6992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

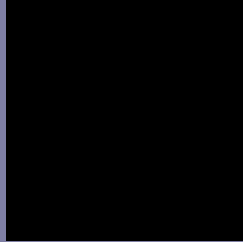
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.2180, 16.1615, -3.6992

Background



This preview shows how black text looks on a background with the YUV color 131.2180, 16.1615, -3.6992.



This preview shows how white text looks on a background with the YUV color 131.2180, 16.1615, -3.6992.

-3.6992.

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

131.2180, 16.1615, -3.6992

Protanopia

130.7120, 16.9040, -8.5174

Deuteranopia

131.2070, 16.1669, -5.4435



Tritanopia

129.7480, 5.5472, -5.9180

Trichromacy



Original Color

131.2180, 16.1615, -3.6992

Protanomaly

130.7230, 16.8986, -6.7731

Deuteranomaly

131.5060, 16.0195, -4.8288

Tritanomaly

130.3720, 9.1836, -5.5882

Monochromacy



Original Color

131.2180, 16.1615, -3.6992

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.4820, 5.6784, -1.2997

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2180, 16.1615, -3.6992 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(127, 127, 164)` looks like.

```
.text, #text, p{  
    color:rgb(127, 127, 164)  
}
```

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(127, 127, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 127, 164) }
```

Border

The CSS property to change the border of an element to YUV 131.2180, 16.1615, -3.6992 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(127, 127, 164) }
```


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

```
.border{ border-color:rgb(127, 127, 164) }
```

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

Here you see how a box with a 4 pixel rgb(127, 127, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 127, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 127, 164);  
box-shadow:4px 4px 4px 4px rgb(127, 127,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 131.2180, 16.1615, -3.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 127, 164) }
```

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

```
.background{ background-color: rgb(127,  
127, 164) }
```

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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