

Converting Colors

YUV(131.3230, 26.9558,
-12.5613)

Have a look what the booklet for
YUV(131.3230, 26.9558, -12.5613)
contains.

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Color

**YUV(131.3230, 26.9558,
-12.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	7580BA
RGB	117, 128, 186
RGB Percent	46%, 50%, 73%
CMY	0.5412, 0.4980, 0.2706
CMYK	0.37, 0.31, 0.00, 0.27
HSL	230°, 33%, 59%
HSV	230°, 37%, 73%
XYZ	23.9182, 22.7654, 49.5879
YIQ	131.3230, -25.1740, 15.7060

Conversions

Conversions Part 2

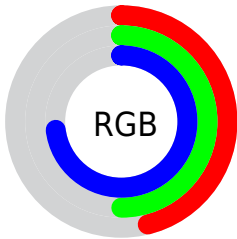
Format	Color
R_{YB}	117, 126, 186
Decimal	7700666
CIE _{Lab}	54.83, 10.37, -31.75
CIE _{LCh}	55, 33.405, 288.083
Yxy	22.7654, 0.2484, 0.2365
Android (android.graphics.Color)	4285890746 (0xFF7580BA)
YUV	131.3230, 26.9558, -12.5613
Hunter-Lab	47.7131, 5.9827, -28.2205

Details

The YUV color $131.3230, 26.9558, -12.5613$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $171.6770, -26.9558, 12.5613$, and the grayscale version is $131.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $184.9640, 28.1187, -12.2464$, and $80.9700, 25.6508, -14.0057$ is the 20% darker color. If you saturate the color by 10%, you get $116.2500, 34.3867, -16.0053$, and if you desaturate by 10%, it is $146.3960, 19.5248, -9.1173$.

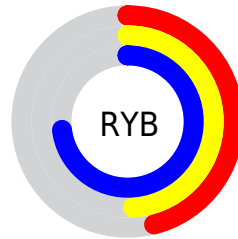
Distribution



Red (46%)

Green (50%)

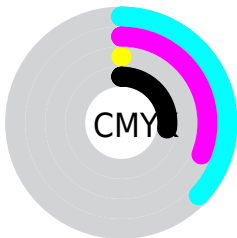
Blue (73%)



Red (46%)

Yellow (49%)

Blue (73%)

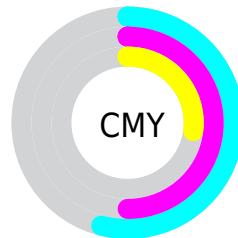


Cyan (37%)

Magenta (31%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (50%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.3230, 26.9558, -12.5613 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 131.3230, 26.9558, -12.5613 by changing the saturation by 10% instead.

■ 131.3230, 26.9558,
-12.5613

■ 131.3230, 26.9558,
-12.5613

255.0000, 0.0000,
0.0000

■ 105.7960, 26.2296,
-12.9761

■ 184.9640, 28.1187,
-12.2464

■ 80.9700, 25.6508,
-14.0057

■ 210.6670, 21.8562,
-10.2320

■ 56.7310, 24.7826,
-15.5501

■ 235.7740, 9.4784,
-6.8178

■ 32.1000, 25.0937,
-22.0127

■ 14.9440, 21.7196,
-13.1059

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 131.3230, 26.9558,
-12.5613

■ 131.3230, 26.9558,
-12.5613

■ 116.2500, 34.3867,
-16.0053

■ 146.3960, 19.5248,
-9.1173

■ 102.0630, 41.3809,
-19.3493

■ 160.5830, 12.5306,
-5.7733

■ 86.9900, 48.8119,
-22.7932

■ 175.6560, 5.0996,
-2.3293

■ 72.2160, 56.0955,
-25.6224

■ 190.4300, -2.1840,
0.4999

■ 57.7300, 63.2371,
-29.5812

■ 204.9160, -9.3256,
4.4587

■ 42.6570, 70.6681,
-33.0252

■ 219.9890,
-16.7566, 7.9026

■ 38.8140, 72.5627,
-34.0399

■ 234.1760,
-23.7508, 11.2466

■ 245.9600,
-29.5603, 7.9281

■ 247.1340,
-30.1391, 6.8985

Harmonies

Analogous

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



121.7590, 32.1638, -49.7776



131.3230, 26.9558, -12.5613



134.7030, 17.4014, 18.6775

Triad

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



131.3230, 26.9558, -12.5613



132.0580, -21.2276, 42.0451



117.0940, 0.4467, -50.0714

Complementary

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



131.3230, 26.9558, -12.5613



171.6770, -26.9558, 12.5613

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.



123.4430, -15.5014, -21.4365



131.3230, 26.9558, -12.5613



130.2380, -27.7253, 26.1013

Square

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



131.3230, 26.9558, -12.5613



133.0060, -8.8770, 47.3527



127.2630, -25.7657, 4.1543



102.5740, 22.3950, -89.9574

Rectangle

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



131.3230, 26.9558, -12.5613



135.2120, 8.7695, 34.0171



127.2630, -25.7657, 4.1543



119.6670, -5.2588, -40.0500

Sweetspot

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



131.3230, 26.9558, -12.5613



221.3120, 10.1992, -4.6586



164.0010, 4.9295, -41.2199



109.5850, 6.1206, -3.1440



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.



131.3230, 26.9558, -12.5613



155.9920, 42.4019, -20.1640



131.7430, 26.7487, 7.2414



84.6130, 3.6418, -1.4146



32.4590, 60.9057, -28.4665



5.5400, 11.0728, -4.8586

Inverse Universe

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



138.8850, -5.3663, 41.3199



167.6430, -8.2050, 65.2111



171.2570, -26.7487, -7.2414



85.8050, -0.8899, 5.4330



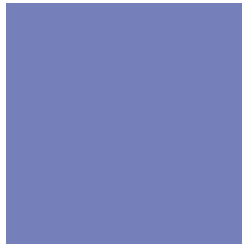
49.4940, -12.0755, 93.4058



8.8280, -2.3802, 16.8138

Previews

White Background



This preview shows how the YUV color 131.3230, 26.9558, -12.5613 looks on a white background.

Color Contrast Check

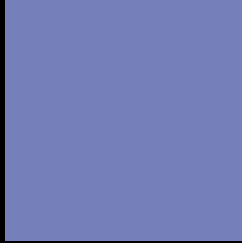
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.3230, 26.9558, -12.5613 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 131.3230, 26.9558, -12.5613 Background



This preview shows how black text looks on a background with the YUV color 131.3230, 26.9558, -12.5613.



This preview shows how white text looks on a background with the YUV color 131.3230, 26.9558, -12.5613.

-12.5613.

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

131.3230, 26.9558, -12.5613

Protanopia

130.8280, 27.6928, -15.6352

Deuteranopia

130.7030, 27.2614, -17.2795



Tritanopia

128.8820, 8.9322, -18.3135

Trichromacy



Original Color

131.3230, 26.9558, -12.5613

Protanomaly

131.1270, 27.5454, -15.0204

Deuteranomaly

130.7140, 27.2560, -15.5352

Tritanomaly

129.6140, 15.4733, -16.3245

Monochromacy



Original Color

131.3230, 26.9558, -12.5613

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1980, 9.7624, -4.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.3230, 26.9558, -12.5613 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(117, 128, 186)` looks like.

```
.text, #text, p{  
    color:rgb(117, 128, 186)  
}
```

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(117, 128, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 128, 186) }
```

Border

The CSS property to change the border of an element to YUV 131.3230, 26.9558, -12.5613 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(117, 128, 186) }
```


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

```
.border{ border-color:rgb(117, 128, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 128, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 128, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 128, 186);  
box-shadow:4px 4px 4px 4px rgb(117, 128,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 131.3230, 26.9558, -12.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 128, 186) }
```

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

```
.background{ background-color: rgb(117,  
128, 186) }
```

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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