

Converting Colors

YUV(131.4640, 26.3932,
-18.8239)

Have a look what the booklet for
YUV(131.4640, 26.3932, -18.8239)
contains.

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Color

**YUV(131.4640, 26.3932,
-18.8239)**

Conversions

Conversions Part 1

Format	Color
Hex	6E84B9
RGB	110, 132, 185
RGB Percent	43%, 52%, 73%
CMY	0.5686, 0.4824, 0.2745
CMYK	0.41, 0.29, 0.00, 0.27
HSL	222°, 35%, 58%
HSV	222°, 41%, 73%
XYZ	23.4386, 23.3203, 49.1649
YIQ	131.4640, -30.1250, 11.8190

Conversions

Conversions Part 2

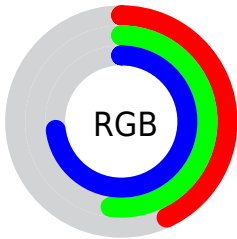
Format	Color
R_{YB}	110, 127, 185
Decimal	7242937
CIE _{Lab}	55.40, 5.78, -30.33
CIE _{LCh}	55, 30.878, 280.797
Yxy	23.3203, 0.2443, 0.2431
Android (android.graphics.Color)	4285433017 (0xFF6E84B9)
YUV	131.4640, 26.3932, -18.8239
Hunter-Lab	48.2911, 2.1275, -26.5590

Details

The YUV color $131.4640, 26.3932, -18.8239$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $163.5360, -26.3932, 18.8239$, and the grayscale version is $131.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $185.1050, 27.5562, -18.5091$, and $80.8120, 25.2357, -20.8831$ is the 20% darker color. If you saturate the color by 10%, you get $118.4510, 32.8087, -23.1975$, and if you desaturate by 10%, it is $144.7760, 19.8304, -13.8356$.

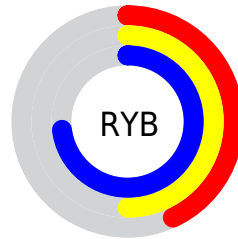
Distribution



Red (43%)

Green (52%)

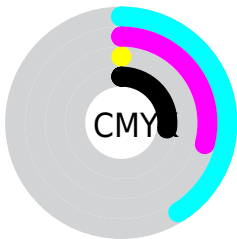
Blue (73%)



Red (43%)

Yellow (50%)

Blue (73%)

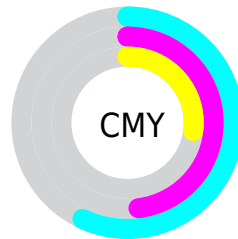


Cyan (41%)

Magenta (29%)

Yellow (0%)

Black (27%)



Cyan (57%)

Magenta (48%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.4640, 26.3932, -18.8239 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 131.4640, 26.3932, -18.8239 by changing the saturation by 10% instead.

■ 131.4640, 26.3932,
-18.8239

■ 131.4640, 26.3932,
-18.8239

■ 255.0000, 0.0000,
0.0000

■ 105.9370, 25.6671,
-19.2387

■ 185.1050, 27.5562,
-18.5091

■ 80.8120, 25.2357,
-20.8831

■ 210.9220, 21.7305,
-16.5946

■ 56.2740, 24.5149,
-23.0423

■ 236.6160, 9.0633,
-13.6952

■ 32.2410, 24.5312,
-28.2754

■ 253.5050, 0.7370,
-3.0739

■ 17.1780, 20.1252,
-15.0651

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,

-1.1997

■ 0.0000, 0.0000,
0.0000

■ 131.4640, 26.3932,
-18.8239

■ 131.4640, 26.3932,
-18.8239

■ 118.4510, 32.8087,
-23.1975

■ 144.7760, 19.8304,
-13.8356

■ 105.1390, 39.3715,
-28.1859

■ 157.7890, 13.4150,
-9.4620

■ 91.8270, 45.9343,
-33.1743

■ 170.8020, 6.9996,
-5.0884

■ 78.8140, 52.3497,
-37.5479

■ 184.1140, 0.4368,
-0.1000

■ 65.5020, 58.9125,
-42.5363

■ 197.4260, -6.1260,
4.8884

■ 52.7880, 65.1805,
-46.2951

■ 210.4390,
-12.5414, 9.2620

■ 224.0390,
-19.2462, 13.1208

■ 236.4540,
-25.3668, 16.2648

■ 244.0850,
-29.1289, 9.5725

Harmonies

Analogous

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



122.1780, 29.9852, -51.0221



131.4640, 26.3932, -18.8239



135.5880, 18.4441, 10.8853

Triad

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



131.4640, 26.3932, -18.8239



133.4970, -17.0070, 41.6601



122.0200, -3.9539, -38.6055

Complementary

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



131.4640, 26.3932, -18.8239



163.5360, -26.3932, 18.8239

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.



126.3300, -17.4177, -13.4444



131.4640, 26.3932, -18.8239



132.0580, -24.6786, 28.8901

Square

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



131.4640, 26.3932, -18.8239



135.1950, -5.5191, 43.6790



129.8230, -25.0557, 9.8022



114.7360, 13.4412, -64.6665

Rectangle

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



131.4640, 26.3932, -18.8239



136.1510, 11.2646, 27.0546



129.8230, -25.0557, 9.8022



124.1090, -8.9277, -29.9136

Sweetspot

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



131.4640, 26.3932, -18.8239



219.0020, 10.3520, -7.0178



160.0670, 1.4460, -43.9088



107.8730, 5.9786, -4.2736



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



131.4640, 26.3932, -18.8239



155.9970, 41.4135, -29.8154



123.0350, 30.5487, 1.7233



85.2000, 3.3524, -1.9294



44.7860, 54.8285, -39.2773



7.8880, 9.9152, -6.9178

Inverse Universe

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



134.9330, -1.4460, 43.9088



161.2720, -2.1061, 69.0445



171.9650, -30.5487, -1.7233



85.9190, -0.4531, 5.3330



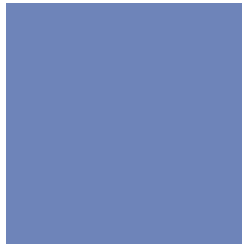
51.8880, -2.9028, 91.3062



9.2840, -0.6330, 16.4139

Previews

White Background



This preview shows how the YUV color 131.4640, 26.3932, -18.8239 looks on a white background.

Color Contrast Check

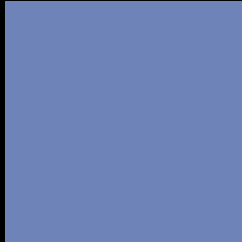
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.4640, 26.3932, -18.8239 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

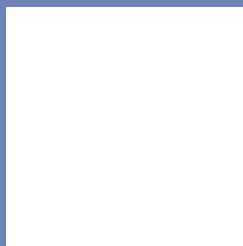
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 131.4640, 26.3932, -18.8239

Background



This preview shows how black text looks on a background with the YUV color 131.4640, 26.3932, -18.8239.



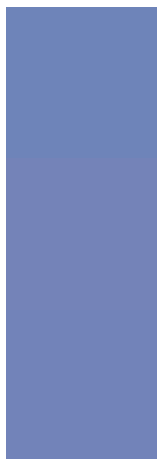
This preview shows how white text looks on a background with the YUV color 131.4640, 26.3932, -18.8239.

-18.8239.

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

131.4640, 26.3932, -18.8239

Protanopia

132.5570, 25.3614, -14.5205

Deuteranopia

132.0730, 26.0930, -15.8500



Tritanopia

128.8920, 10.4062, -24.4613

Trichromacy



Original Color

131.4640, 26.3932, -18.8239

Protanomaly

131.9590, 25.6562, -15.7500

Deuteranomaly

131.7740, 26.2404, -16.4648

Tritanomaly

129.5100, 16.5106, -22.3723

Monochromacy



Original Color

131.4640, 26.3932, -18.8239

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.8880, 9.9152, -6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.4640, 26.3932, -18.8239 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(110, 132, 185)` looks like.

```
.text, #text, p{  
    color:rgb(110, 132, 185)  
}
```

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(110, 132, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 132, 185) }
```

Border

The CSS property to change the border of an element to YUV 131.4640, 26.3932, -18.8239 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(110, 132, 185) }
```


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

```
.border{ border-color:rgb(110, 132, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 132, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 132, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 132, 185);  
box-shadow:4px 4px 4px 4px rgb(110, 132,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 131.4640, 26.3932, -18.8239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 132, 185) }
```

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

```
.background{ background-color: rgb(110,  
132, 185) }
```

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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