

Converting Colors

YUV(130.6290, 39.6229,
-15.4606)

Have a look what the booklet for
YUV(130.6290, 39.6229, -15.4606)
contains.

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Color

**YUV(130.6290, 39.6229,
-15.4606)**

Conversions

Conversions Part 1

Format	Color
Hex	717CD3
RGB	113, 124, 211
RGB Percent	44%, 49%, 83%
CMY	0.5569, 0.5137, 0.1725
CMYK	0.46, 0.41, 0.00, 0.17
HSL	233°, 53%, 64%
HSV	233°, 46%, 83%
XYZ	25.7756, 22.6292, 64.6374
YIQ	130.6290, -34.4830, 24.7250

Conversions

Conversions Part 2

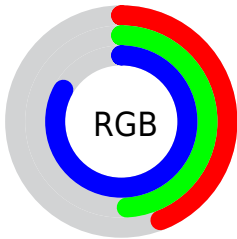
Format	Color
R _Y B	113, 123, 211
Decimal	7437523
CIE Lab	54.69, 18.95, -46.21
CIE LCh	55, 49.946, 292.294
Yxy	22.6292, 0.2280, 0.2002
Android (android.graphics.Color)	4285627603 (0xFF717CD3)
YUV	130.6290, 39.6229, -15.4606
Hunter-Lab	47.5701, 13.4714, -47.2630

Details

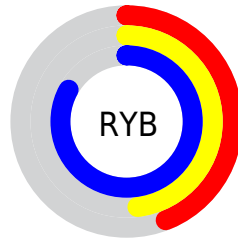
The YUV color $130.6290, 39.6229, -15.4606$ is a light color, and the websafe version is hex $6666CC$. A complement of this color would be $193.3710, -39.6229, 15.4606$, and the grayscale version is $130.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.9130, 35.5389, -12.2017$, and $79.1400, 37.8920, -20.2938$ is the 20% darker color. If you saturate the color by 10%, you get $113.1970, 48.2169, -18.5898$, and if you desaturate by 10%, it is $148.0610, 31.0289, -12.3315$.

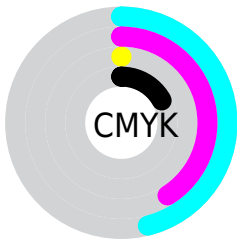
Distribution



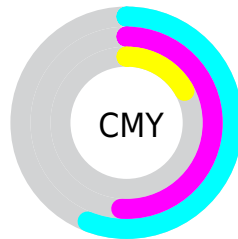
- Red (44%)
- Green (49%)
- Blue (83%)



- Red (44%)
- Yellow (48%)
- Blue (83%)



- Cyan (46%)
- Magenta (41%)
- Yellow (0%)
- Black (17%)



- Cyan (56%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.6290, 39.6229, -15.4606 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 130.6290, 39.6229, -15.4606 by changing the saturation by 10% instead.

■ 130.6290, 39.6229,
-15.4606

■ 130.6290, 39.6229,
-15.4606

255.0000, 0.0000,
0.0000

■ 104.3900, 38.7547,
-17.0050

■ 182.9130, 35.5389,
-12.2017

■ 79.1400, 37.8920,
-20.2938

■ 208.0200, 23.1611,
-8.7875

■ 52.0960, 37.9137,
-27.2712

■ 233.1270, 10.7834,
-5.3734

■ 30.6400, 36.1665,
-26.8713

■ 16.0500, 31.0343,
-14.0759

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 130.6290, 39.6229,
-15.4606

■ 130.6290, 39.6229,
-15.4606

■ 113.1970, 48.2169,
-18.5898

■ 148.0610, 31.0289,
-12.3315

■ 96.3520, 56.5215,
-22.2337

■ 164.9060, 22.7243,
-8.6876

■ 78.9200, 65.1154,
-25.3628

■ 182.3380, 14.1304,
-5.5584

■ 61.4880, 73.7094,
-28.4920

■ 199.7700, 5.5364,
-2.4293

■ 44.0560, 82.3034,
-31.6211

■ 217.5010, -3.2050,
1.3146

■ 38.1420, 85.2190,
-33.4505

■ 234.3460,
-11.5096, 4.9586

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



106.2170, 54.1230, -93.1523



130.6290, 39.6229, -15.4606



134.9250, 24.1940, 33.3918

Triad

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



130.6290, 39.6229, -15.4606



128.5840, -32.3329, 57.3698



102.0890, 7.8441, -89.5321

Complementary

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



130.6290, 39.6229, -15.4606



193.3710, -39.6229, 15.4606

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.



115.5840, -19.5149, -40.8542



130.6290, 39.6229, -15.4606



126.9710, -42.8767, 32.4744

Square

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



130.6290, 39.6229, -15.4606



129.4820, -14.0416, 70.6143



122.9130, -38.4111, 0.0763



107.6920, 26.7738, -94.4459

Rectangle

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



130.6290, 39.6229, -15.4606



132.9680, 12.3408, 55.2791



122.9130, -38.4111, 0.0763



99.7920, 1.5815, -87.5176

Sweetspot

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



130.6290, 39.6229, -15.4606



225.4520, 14.5672, -5.6584



180.4440, 9.6411, -59.1484



109.6820, 9.0308, -3.2291



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



130.6290, 39.6229, -15.4606



137.6940, 57.8319, -22.5336



135.5340, 37.2047, 13.5637



95.8410, 4.5154, -1.6146



30.3050, 67.8836, -26.5775



7.6090, 16.4618, -6.6731

Inverse Universe

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



143.5560, -9.6411, 59.1484



156.5810, -14.0904, 86.3135



188.4660, -37.2047, -13.5637



97.4030, -1.1847, 6.6626



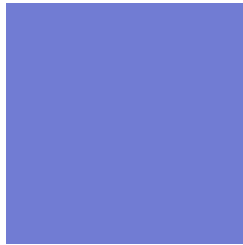
52.3980, -16.4652, 101.3830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 130.6290, 39.6229, -15.4606 looks on a white background.

Color Contrast Check

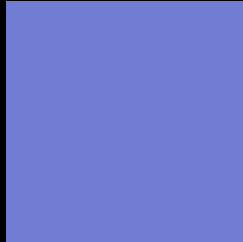
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.6290, 39.6229, -15.4606 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 130.6290, 39.6229, -15.4606

Background



This preview shows how black text looks on a background with the YUV color 130.6290, 39.6229, -15.4606.



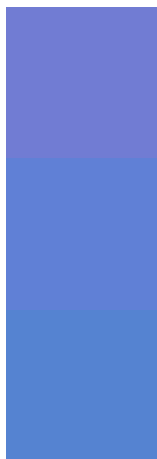
This preview shows how white text looks on a background with the YUV color 130.6290, 39.6229, -15.4606.

-15.4606.

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

130.6290, 39.6229, -15.4606

Protanopia

128.2360, 42.2817, -28.2710

Deuteranopia

126.1380, 40.8510, -36.0780



Tritanopia

125.8100, 11.4327, -27.0204

Trichromacy



Original Color

130.6290, 39.6229, -15.4606

Protanomaly

129.3290, 41.2498, -23.9675

Deuteranomaly

127.4810, 40.6819, -28.4858

Tritanomaly

127.5900, 21.8941, -22.4424

Monochromacy



Original Color

130.6290, 39.6229, -15.4606

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.4520, 14.5672, -5.6584

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6290, 39.6229, -15.4606 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(113, 124, 211)` looks like.

```
.text, #text, p{  
    color:rgb(113, 124, 211)  
}
```

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(113, 124, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 124, 211) }
```

Border

The CSS property to change the border of an element to YUV 130.6290, 39.6229, -15.4606 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(113, 124, 211) }
```


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

```
.border{ border-color:rgb(113, 124, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 124, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 124, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 124, 211);  
box-shadow:4px 4px 4px 4px rgb(113, 124,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 130.6290, 39.6229, -15.4606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 124, 211) }
```

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

```
.background{ background-color: rgb(113,  
124, 211) }
```

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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