

Converting Colors

YUV(125.3130, 42.2437,
-16.0605)

Have a look what the booklet for
YUV(125.3130, 42.2437, -16.0605)
contains.

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Color

**YUV(125.3130, 42.2437,
-16.0605)**

Conversions

Conversions Part 1

Format	Color
Hex	6B76D3
RGB	107, 118, 211
RGB Percent	42%, 46%, 83%
CMY	0.5804, 0.5373, 0.1725
CMYK	0.49, 0.44, 0.00, 0.17
HSL	234°, 54%, 62%
HSV	234°, 49%, 83%
XYZ	24.2997, 20.7858, 64.3593
YIQ	125.3130, -36.4090, 26.5910

Conversions

Conversions Part 2

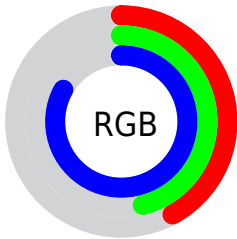
Format	Color
R _Y B	107, 117, 211
Decimal	7042771
CIE Lab	52.71, 21.16, -49.37
CIE LCh	53, 53.716, 293.196
Yxy	20.7858, 0.2220, 0.1899
Android (android.graphics.Color)	4285232851 (0xFF6B76D3)
YUV	125.3130, 42.2437, -16.0605
Hunter-Lab	45.5915, 15.3533, -51.7829

Details

The YUV color $125.3130, 42.2437, -16.0605$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $192.6870, -42.2437, 16.0605$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.8960, 38.0123, -12.1868$, and $73.2260, 40.8076, -22.1232$ is the 20% darker color. If you saturate the color by 10%, you get $107.8810, 50.8377, -19.1896$, and if you desaturate by 10%, it is $142.7450, 33.6497, -12.9314$.

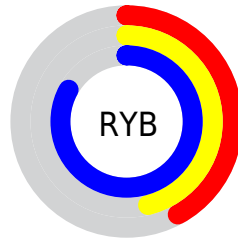
Distribution



Red (42%)

Green (46%)

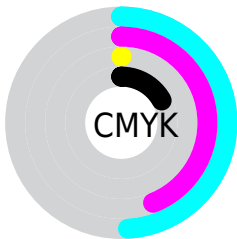
Blue (83%)



Red (42%)

Yellow (46%)

Blue (83%)

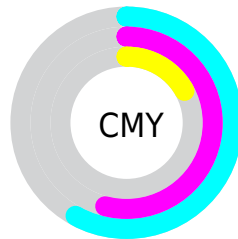


Cyan (49%)

Magenta (44%)

Yellow (0%)

Black (17%)



Cyan (58%)

Magenta (54%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.3130, 42.2437, -16.0605 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 125.3130, 42.2437, -16.0605 by changing the saturation by 10% instead.

■ 125.3130, 42.2437,
-16.0605

■ 125.3130, 42.2437,
-16.0605

■ 255.0000, 0.0000,
0.0000

■ 98.7750, 41.5229,
-18.2197

■ 177.8960, 38.0123,
-12.1868

■ 73.2260, 40.8076,
-22.1232

■ 202.1170, 26.0713,
-8.8726

■ 43.1810, 42.3088,
-36.9927

■ 227.5230, 13.5462,
-4.8437

■ 28.2920, 37.3240,
-24.8121

■ 253.2170, 0.8790,
-1.9443

■ 10.7670, 33.6389,
-9.4427

■ 9.2050, 22.5769,
-8.0728

■ 4.9360, 13.8356,

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 125.3130, 42.2437,
-16.0605

■ 125.3130, 42.2437,
-16.0605

■ 107.8810, 50.8377,
-19.1896

■ 142.7450, 33.6497,
-12.9314

■ 90.4490, 59.4316,
-22.3188

■ 160.1770, 25.0557,
-9.8022

■ 73.0170, 68.0256,
-25.4479

■ 177.6090, 16.4618,
-6.6731

■ 56.1720, 76.3302,
-29.0918

■ 194.4540, 8.1572,
-3.0292

■ 38.7400, 84.9242,
-32.2210

■ 211.8860, -0.4368,
0.1000

■ 36.9680, 85.7978,
-32.4209

■ 229.6170, -9.1782,
3.8439

■ 247.0490,
-17.7722, 6.9730

■ 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.



103.5100, 56.4436, -90.7783



125.3130, 42.2437, -16.0605



129.7020, 25.7829, 37.0953

Triad

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



125.3130, 42.2437, -16.0605



122.3240, -34.6697, 60.2289



99.1710, 6.8177, -86.9730

Complementary

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



125.3130, 42.2437, -16.0605



192.6870, -42.2437, 16.0605

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.



107.7250, -20.0774, -47.1168



125.3130, 42.2437, -16.0605



120.4180, -47.5341, 32.9594

Square

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



125.3130, 42.2437, -16.0605



122.8740, -15.2209, 75.5325



116.5770, -42.1895, -1.3830



105.2300, 27.4946, -92.2867

Rectangle

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



125.3130, 42.2437, -16.0605



126.6420, 13.4875, 60.8270



116.5770, -42.1895, -1.3830



96.7600, 0.1183, -84.8585

Sweetspot

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



125.3130, 42.2437, -16.0605



223.6800, 15.4408, -5.8584



178.5360, 10.0888, -62.7371



108.7960, 9.4676, -3.3291



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.



125.3130, 42.2437, -16.0605



130.9050, 61.1788, -22.7187



130.8160, 39.5307, 14.1934



95.8410, 4.5154, -1.6146



29.7180, 68.1730, -26.0627



7.0220, 16.7512, -6.1583

Inverse Universe

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



139.3500, -10.5255, 62.8371



151.5600, -15.5591, 90.7169



187.1840, -39.5307, -14.1934



97.4030, -1.1847, 6.6626



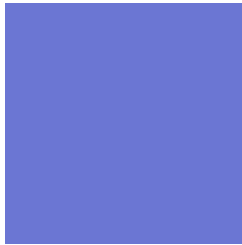
52.2840, -16.9020, 101.4829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 125.3130, 42.2437, -16.0605 looks on a white background.

Color Contrast Check

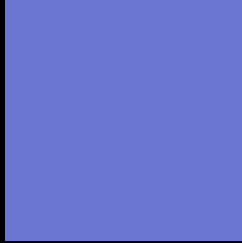
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.3130, 42.2437, -16.0605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

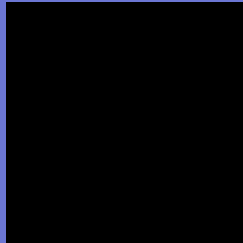
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 125.3130, 42.2437, -16.0605

Background



This preview shows how black text looks on a background with the YUV color 125.3130, 42.2437, -16.0605.



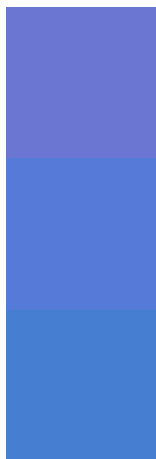
This preview shows how white text looks on a background with the YUV color 125.3130, 42.2437, -16.0605.

-16.0605.

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

125.3130, 42.2437, -16.0605

Protanopia

121.5390, 46.0763, -32.0447

Deuteranopia

118.7180, 44.5090, -42.7257



Tritanopia

120.2010, 11.7329, -29.9943

Trichromacy



Original Color

125.3130, 42.2437, -16.0605

Protanomaly

123.2300, 44.7496, -26.5117

Deuteranomaly

120.9580, 43.8977, -33.2892

Tritanomaly

122.3940, 22.4838, -24.9015

Monochromacy



Original Color

125.3130, 42.2437, -16.0605

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.6800, 15.4408, -5.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.3130, 42.2437, -16.0605 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(107, 118, 211)` looks like.

```
.text, #text, p{  
    color:rgb(107, 118, 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(107, 118, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 118, 211) }
```

Border

The CSS property to change the border of an element to YUV 125.3130, 42.2437, -16.0605 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(107, 118, 211) }
```


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

```
.border{ border-color:rgb(107, 118, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 118, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 118, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 118, 211);  
box-shadow:4px 4px 4px 4px rgb(107, 118,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 125.3130, 42.2437, -16.0605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 118, 211) }
```

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

```
.background{ background-color: rgb(107,  
118, 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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