

Converting Colors

YUV(121.7450, 33.6497,
-12.9314)

Have a look what the booklet for
YUV(121.7450, 33.6497, -12.9314)
contains.

YUV(121.7450, 33.6497, -12.9314)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(121.7450, 33.6497,
-12.9314)**

Conversions

Conversions Part 1

Format	Color
Hex	6B74BE
RGB	107, 116, 190
RGB Percent	42%, 45%, 75%
CMY	0.5804, 0.5451, 0.2549
CMYK	0.44, 0.39, 0.00, 0.25
HSL	233°, 39%, 58%
HSV	233°, 44%, 75%
XYZ	21.6031, 19.3343, 51.3085
YIQ	121.7450, -29.1180, 21.1060

Conversions

Conversions Part 2

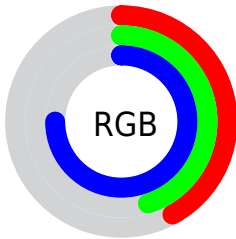
Format	Color
R_{YB}	107, 115, 190
Decimal	7042238
CIE _{Lab}	51.08, 16.02, -39.99
CIE _{LCh}	51, 43.075, 291.829
Yxy	19.3343, 0.2342, 0.2096
Android (android.graphics.Color)	4285232318 (0xFF6B74BE)
YUV	121.7450, 33.6497, -12.9314
Hunter-Lab	43.9708, 10.7491, -38.4046

Details

The YUV color $121.7450, 33.6497, -12.9314$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $175.2550, -33.6497, 12.9314$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $175.2120, 35.3915, -11.5869$, and $71.2670, 31.9134, -16.0202$ is the 20% darker color. If you saturate the color by 10%, you get $106.0850, 41.3701, -15.8605$, and if you desaturate by 10%, it is $137.4050, 25.9293, -10.0022$.

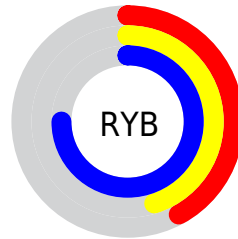
Distribution



Red (42%)

Green (45%)

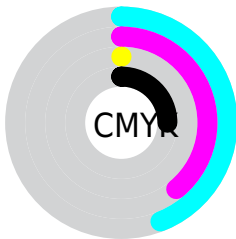
Blue (75%)



Red (42%)

Yellow (45%)

Blue (75%)

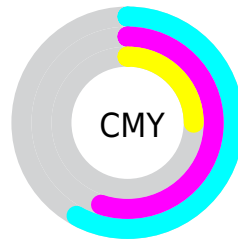


Cyan (44%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (58%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.7450, 33.6497, -12.9314 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 121.7450, 33.6497, -12.9314 by changing the saturation by 10% instead.

■ 121.7450, 33.6497,
-12.9314

■ 121.7450, 33.6497,
-12.9314

■ 255.0000, 0.0000,
0.0000

■ 96.5060, 32.7815,
-14.4758

■ 175.2120, 35.3915,
-11.5869

■ 71.2670, 31.9134,
-16.0202

■ 200.3450, 26.9449,
-9.0726

■ 45.8210, 31.6402,
-21.7680

■ 225.4520, 14.5672,
-5.6584

■ 25.0660, 30.0405,
-21.9829

■ 250.5590, 2.1894,
-2.2442

■ 7.0680, 27.0815,
-6.1986

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,

-2.2144

■ 0.0000, 0.0000,
0.0000

■ 121.7450, 33.6497,
-12.9314

■ 121.7450, 33.6497,
-12.9314

■ 106.0850, 41.3701,
-15.8605

■ 137.4050, 25.9293,
-10.0022

■ 90.4250, 49.0905,
-18.7897

■ 153.0650, 18.2090,
-7.0730

■ 74.7650, 56.8109,
-21.7189

■ 168.7250, 10.4886,
-4.1438

■ 59.1050, 64.5312,
-24.6481

■ 184.3850, 2.7682,
-1.2146

■ 43.4450, 72.2516,
-27.5773

■ 200.0450, -4.9522,
1.7145

■ 33.9870, 76.9144,
-29.8066

■ 215.7050,
-12.6726, 4.6437

■ 231.3650,
-20.3929, 7.5729

■ 245.8290,
-27.5237, 8.0430

■ 247.5900,
-28.3919, 6.4986

Harmonies

Analogous

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



97.8390, 47.4074, -85.8048



121.7450, 33.6497, -12.9314



125.3820, 21.0107, 27.7290

Triad

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



121.7450, 33.6497, -12.9314



120.2070, -27.2171, 49.8075



94.1330, 7.8224, -82.5546

Complementary

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



121.7450, 33.6497, -12.9314



175.2550, -33.6497, 12.9314

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.



109.2090, -17.3580, -32.6323



121.7450, 33.6497, -12.9314



118.4850, -35.7351, 28.5157

Square

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



121.7450, 33.6497, -12.9314



121.1710, -12.4093, 60.3630



115.5200, -32.3014, 0.4210



99.0520, 24.1314, -86.8686

Rectangle

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



121.7450, 33.6497, -12.9314



124.3430, 10.1839, 47.0572



115.5200, -32.3014, 0.4210



98.0440, -0.5147, -68.4446

Sweetspot

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



121.7450, 33.6497, -12.9314



220.9960, 12.8200, -5.2585



164.0430, 7.8668, -50.0267



108.4540, 8.1572, -3.0292



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



121.7450, 33.6497, -12.9314



141.8100, 51.8587, -20.0044



126.0300, 31.5372, 11.3747



86.6130, 3.6418, -1.4146



27.9910, 64.0944, -24.5481



5.2950, 12.6726, -4.6437

Inverse Universe

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



132.8430, -8.3036, 50.1267



158.8680, -12.7529, 77.2918



170.9700, -31.5372, -11.3747



87.8050, -0.8899, 5.4330



49.1800, -15.8647, 95.4351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 121.7450, 33.6497, -12.9314 looks on a white background.

Color Contrast Check

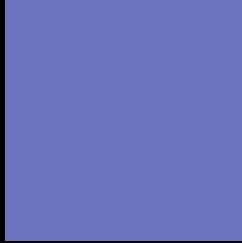
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.7450, 33.6497, -12.9314 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 121.7450, 33.6497, -12.9314

Background



This preview shows how black text looks on a background with the YUV color 121.7450, 33.6497, -12.9314.



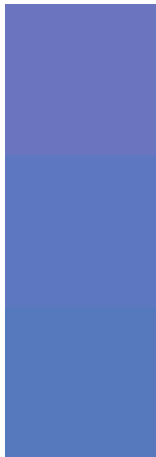
This preview shows how white text looks on a background with the YUV color 121.7450, 33.6497, -12.9314.

-12.9314.

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

121.7450, 33.6497, -12.9314

Protanopia

119.9610, 36.0082, -22.7678

Deuteranopia

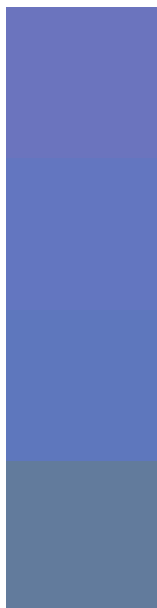
118.2870, 34.8615, -28.3157



Tritanopia

117.9740, 9.3798, -21.9022

Trichromacy



Original Color

121.7450, 33.6497, -12.9314

Protanomaly

120.7550, 35.1238, -19.0791

Deuteranomaly

119.5050, 34.2610, -22.3679

Tritanomaly

119.2870, 18.0995, -18.6687

Monochromacy



Original Color

121.7450, 33.6497, -12.9314

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.1810, 12.2358, -4.5437

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.7450, 33.6497, -12.9314 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, 116, 190)` looks like.

```
.text, #text, p{  
    color:rgb(107, 116, 190)  
}
```

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, 116, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 116, 190) }
```

Border

The CSS property to change the border of an element to YUV 121.7450, 33.6497, -12.9314 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, 116, 190) }
```


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

```
.border{ border-color:rgb(107, 116, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 116, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 116, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 116, 190);  
box-shadow:4px 4px 4px 4px rgb(107, 116,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 121.7450, 33.6497, -12.9314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 116, 190) }
```

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

```
.background{ background-color: rgb(107,  
116, 190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor