

Converting Colors

YUV(121.5060, 36.2325,
-1.3208)

Have a look what the booklet for
YUV(121.5060, 36.2325, -1.3208)
contains.

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Color

**YUV(121.5060, 36.2325,
-1.3208)**

Conversions

Conversions Part 1

Format	Color
Hex	786CC3
RGB	120, 108, 195
RGB Percent	47%, 42%, 76%
CMY	0.5294, 0.5765, 0.2353
CMYK	0.38, 0.45, 0.00, 0.24
HSL	248°, 42%, 59%
HSV	248°, 45%, 76%
XYZ	22.9586, 18.6583, 54.0211
YIQ	121.5060, -20.7750, 29.6010

Conversions

Conversions Part 2

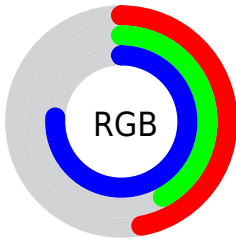
Format	Color
R _Y B	120, 108, 195
Decimal	7892163
CIE Lab	50.29, 25.68, -44.05
CIE LCh	50, 50.985, 300.243
Yxy	18.6583, 0.2401, 0.1951
Android (android.graphics.Color)	4286082243 (0xFF786CC3)
YUV	121.5060, 36.2325, -1.3208
Hunter-Lab	43.1953, 19.2823, -43.9129

Details

The YUV color $121.5060, 36.2325, -1.3208$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $181.4940, -36.2325, 1.3208$, and the grayscale version is $121.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.9730, 37.9743, 0.0237$, and $71.0280, 34.4962, -4.4096$ is the 20% darker color. If you saturate the color by 10%, you get $105.2700, 44.2369, -1.9908$, and if you desaturate by 10%, it is $138.3290, 27.9388, -1.1655$.

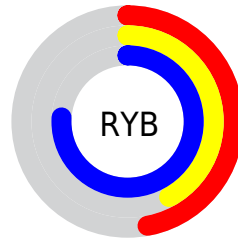
Distribution



Red (47%)

Green (42%)

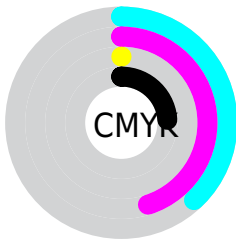
Blue (76%)



Red (47%)

Yellow (42%)

Blue (76%)

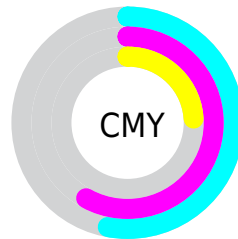


Cyan (38%)

Magenta (45%)

Yellow (0%)

Black (24%)



Cyan (53%)

Magenta (58%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.5060, 36.2325, -1.3208 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 121.5060, 36.2325, -1.3208 by changing the saturation by 10% instead.

■ 121.5060, 36.2325,
-1.3208

■ 121.5060, 36.2325,
-1.3208

■ 255.0000, 0.0000,
0.0000

■ 96.1530, 34.9276,
-2.7652

■ 174.9730, 37.9743,
0.0237

■ 71.0280, 34.4962,
-4.4096

■ 199.8350, 27.1963,
3.6527

■ 46.7780, 33.6334,
-7.6983

■ 224.3550, 15.1080,
7.5817

■ 20.8260, 34.1028,
-18.2644

■ 247.9560, 3.4727,
6.1776

■ 7.5240, 28.8287,
-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 121.5060, 36.2325,
-1.3208

■ 121.5060, 36.2325,
-1.3208

■ 105.2700, 44.2369,
-1.9908

■ 138.3290, 27.9388,
-1.1655

■ 88.4470, 52.5306,
-2.1460

■ 154.5650, 19.9345,
-0.4955

■ 71.9230, 60.6770,
-1.6865

■ 171.0890, 11.7881,
-0.9551

■ 55.6870, 68.6813,
-2.3565

■ 187.3250, 3.7838,
-0.2850

■ 39.4510, 76.6857,
-3.0265

■ 204.1480, -4.5100,
-0.1298

■ 30.3030, 81.1956,
-2.8967

■ 220.3840,
-12.5143, 0.5402

■ 236.6200,
-20.5187, 1.2103

■ 247.8610,
-26.0605, 5.3839

■ 248.1600,
-26.2079, 5.9987

Harmonies

Analogous

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



96.3860, 54.5327, -84.5305



121.5060, 36.2325, -1.3208



122.2530, 20.0883, 43.6281

Triad

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



121.5060, 36.2325, -1.3208



116.5140, -36.2424, 51.2922



95.7460, 11.4642, -83.9692

Complementary

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



121.5060, 36.2325, -1.3208



181.4940, -36.2325, 1.3208

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.



97.5260, -11.5983, -60.0973



121.5060, 36.2325, -1.3208



114.2320, -45.4704, 24.3525

Square

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



121.5060, 36.2325, -1.3208



117.5050, -18.9830, 68.8401



109.9440, -35.4684, -10.4749



100.6480, 30.2465, -88.2683

Rectangle

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



121.5060, 36.2325, -1.3208



119.5730, 8.0985, 62.6415



109.9440, -35.4684, -10.4749



94.0360, 4.9123, -82.4696

Sweetspot

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



121.5060, 36.2325, -1.3208



224.8440, 13.3879, -0.7402



161.9430, 16.2971, -47.3080



110.2910, 8.7305, -0.2552



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.



121.5060, 36.2325, -1.3208



137.1850, 56.6038, -1.9162



134.3630, 29.8940, 25.1146



88.7380, 4.0732, 0.2298



24.9320, 67.0815, -2.5714



5.2570, 13.6773, -0.2254

Inverse Universe

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



142.5630, 19.9354, 45.9872



170.1160, 31.4948, 71.8123



168.6370, -29.8940, -25.1146



91.0160, 2.4571, 5.2480



63.8710, 36.5456, 85.1821



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 121.5060, 36.2325, -1.3208 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 121.5060, 36.2325, -1.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

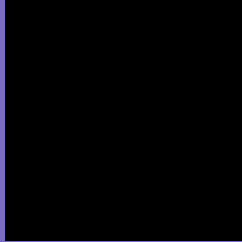
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.5060, 36.2325, -1.3208

Background



This preview shows how black text looks on a background with the YUV color 121.5060, 36.2325, -1.3208.



This preview shows how white text looks on a background with the YUV color 121.5060, 36.2325, -1.3208.

-1.3208.

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

121.5060, 36.2325, -1.3208

Protanopia

116.6380, 42.5765, -29.5005

Deuteranopia

115.3510, 37.7880, -33.6338



Tritanopia

118.0570, 6.8739, -11.4510

Trichromacy



Original Color

121.5060, 36.2325, -1.3208

Protanomaly

118.4220, 40.2180, -19.6641

Deuteranomaly

117.9010, 37.0238, -21.8382

Tritanomaly

119.2390, 17.6302, -8.1026

Monochromacy



Original Color

121.5060, 36.2325, -1.3208

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8440, 13.3879, -0.7402

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.5060, 36.2325, -1.3208 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(120, 108, 195)` looks like.

```
.text, #text, p{  
    color:rgb(120, 108, 195)  
}
```

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(120, 108, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 108, 195) }
```

Border

The CSS property to change the border of an element to YUV 121.5060, 36.2325, -1.3208 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(120, 108, 195) }
```


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

```
.border{ border-color:rgb(120, 108, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 108, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 108, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 108, 195); box-shadow:4px 4px 4px 4px rgb(120, 108, 195) }
```

Background

The CSS property to change the background color of an element to YUV 121.5060, 36.2325, -1.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 108, 195) }
```

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

```
.background{ background-color: rgb(120,  
108, 195) }
```

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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