

Converting Colors

YUV(124.5600, 34.2339,
-13.6461)

Have a look what the booklet for
YUV(124.5600, 34.2339, -13.6461)
contains.

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Color

**YUV(124.5600, 34.2339,
-13.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	6D77C2
RGB	109, 119, 194
RGB Percent	43%, 47%, 76%
CMY	0.5725, 0.5333, 0.2392
CMYK	0.44, 0.39, 0.00, 0.24
HSL	233°, 41%, 59%
HSV	233°, 44%, 76%
XYZ	22.6411, 20.3399, 53.7716
YIQ	124.5600, -30.0350, 21.2050

Conversions

Conversions Part 2

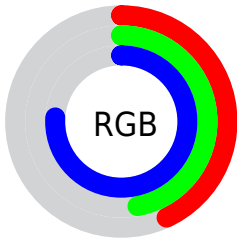
Format	Color
R _Y B	109, 118, 194
Decimal	7174082
CIE Lab	52.22, 15.90, -40.47
CIE LCh	52, 43.478, 291.450
Yxy	20.3399, 0.2340, 0.2102
Android (android.graphics.Color)	4285364162 (0xFF6D77C2)
YUV	124.5600, 34.2339, -13.6461
Hunter-Lab	45.0998, 10.6864, -39.1205

Details

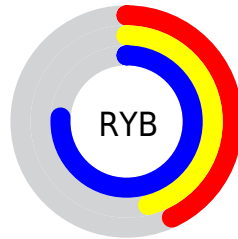
The YUV color **124.5600, 34.2339, -13.6461** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **178.4400, -34.2339, 13.6461**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0270, 35.9757, -12.3017**, and **73.7830, 32.6450, -17.3497** is the 20% darker color. If you saturate the color by 10%, you get **108.9000, 41.9543, -16.5753**, and if you desaturate by 10%, it is **140.2200, 26.5135, -10.7169**.

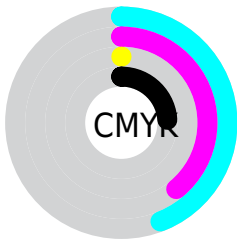
Distribution



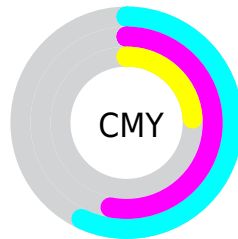
- Red (43%)
- Green (47%)
- Blue (76%)



- Red (43%)
- Yellow (46%)
- Blue (76%)



- Cyan (44%)
- Magenta (39%)
- Yellow (0%)
- Black (24%)



- Cyan (57%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.5600, 34.2339, -13.6461 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 124.5600, 34.2339, -13.6461 by changing the saturation by 10% instead.

■ 124.5600, 34.2339,
-13.6461

■ 124.5600, 34.2339,
-13.6461

■ 255.0000, 0.0000,
0.0000

■ 98.7340, 33.6551,
-14.6757

■ 178.0270, 35.9757,
-12.3017

■ 73.7830, 32.6450,
-17.3497

■ 202.7040, 25.7819,
-9.3874

■ 48.6360, 32.2245,
-22.4828

■ 227.8110, 13.4042,
-5.9732

■ 26.5820, 30.7721,
-23.3124

■ 253.5050, 0.7370,
-3.0739

■ 8.5840, 27.8131,
-7.5282

■ 6.5490, 17.4773,
-5.7435

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 124.5600, 34.2339,
-13.6461

■ 124.5600, 34.2339,
-13.6461

■ 108.9000, 41.9543,
-16.5753

■ 140.2200, 26.5135,
-10.7169

■ 92.9410, 49.8221,
-20.1193

■ 156.1790, 18.6458,
-7.1730

■ 77.2810, 57.5425,
-23.0484

■ 171.8390, 10.9254,
-4.2438

■ 61.3220, 65.4103,
-26.5924

■ 187.7980, 3.0576,
-0.6998

■ 45.0750, 73.4200,
-29.0068

■ 204.0450, -4.9522,
1.7145

■ 35.6170, 78.0828,
-31.2361

■ 219.7050,
-12.6726, 4.6437

■ 235.6640,
-20.5404, 8.1877

■ 248.0460,
-26.6447, 6.0987

Harmonies

Analogous

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



100.0560, 48.2864, -87.7491



124.5600, 34.2339, -13.6461



128.3820, 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.



124.5600, 34.2339, -13.6461



123.3920, -27.8013, 50.5222



96.7090, 7.5385, -84.8138

Complementary

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



124.5600, 34.2339, -13.6461



178.4400, -34.2339, 13.6461

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.



112.6820, -18.0842, -33.0471



124.5600, 34.2339, -13.6461



121.6700, -36.3193, 29.2304

Square

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



124.5600, 34.2339, -13.6461



124.4700, -12.5567, 60.9778



118.5910, -33.3224, 1.2357



101.1550, 24.5736, -88.7129

Rectangle

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



124.5600, 34.2339, -13.6461



127.4570, 10.6207, 46.9572



118.5910, -33.3224, 1.2357



102.2290, -1.0989, -67.7298

Sweetspot

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



124.5600, 34.2339, -13.6461



225.4090, 13.1094, -4.7437



167.3310, 7.7248, -51.1563



111.1550, 8.3046, -3.6439



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.



124.5600, 34.2339, -13.6461



142.9670, 53.7533, -21.0191



127.9590, 32.5582, 10.5600



88.7270, 4.0786, -1.5146



29.5070, 64.8260, -25.8776



6.1100, 13.2568, -5.3585

Inverse Universe

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



135.5550, -8.1616, 51.2563



160.4770, -13.0532, 80.2657



175.0410, -32.5582, -10.5600



90.1040, -1.0373, 6.0478



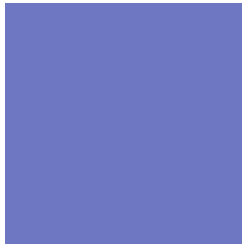
50.3050, -15.4334, 97.0795



10.3230, -3.1172, 19.8877

Previews

White Background



This preview shows how the YUV color 124.5600, 34.2339, -13.6461 looks on a white background.

Color Contrast Check

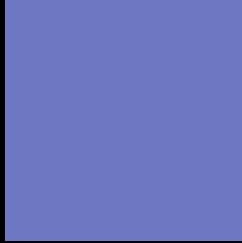
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.5600, 34.2339, -13.6461 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 124.5600, 34.2339, -13.6461 Background



This preview shows how black text looks on a background with the YUV color 124.5600, 34.2339, -13.6461.



This preview shows how white text looks on a background with the YUV color 124.5600, 34.2339, -13.6461.

-13.6461.

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

124.5600, 34.2339, -13.6461

Protanopia

122.7760, 36.5924, -23.4826

Deuteranopia

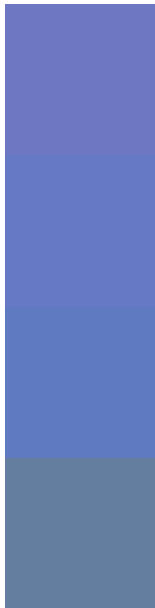
121.4010, 35.2983, -28.4157



Tritanopia

120.7890, 9.9640, -22.6170

Trichromacy



Original Color

124.5600, 34.2339, -13.6461

Protanomaly

123.5700, 35.7080, -19.7939

Deuteranomaly

122.3200, 34.8452, -23.0826

Tritanomaly

122.1020, 18.6837, -19.3835

Monochromacy



Original Color

124.5600, 34.2339, -13.6461

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8820, 12.3832, -5.1585

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.5600, 34.2339, -13.6461 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(109, 119, 194)` looks like.

```
.text, #text, p{  
    color:rgb(109, 119, 194)  
}
```

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(109, 119, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 119, 194) }
```

Border

The CSS property to change the border of an element to YUV 124.5600, 34.2339, -13.6461 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(109, 119, 194) }
```


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

```
.border{ border-color:rgb(109, 119, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 119, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 119, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 119, 194);  
box-shadow:4px 4px 4px 4px rgb(109, 119,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 124.5600, 34.2339, -13.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 119, 194) }
```

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

```
.background{ background-color: rgb(109,  
119, 194) }
```

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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