

Converting Colors

YUV(157.2490, 35.8662,
-23.8974)

Have a look what the booklet for
YUV(157.2490, 35.8662, -23.8974)
contains.

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Color

**YUV(157.2490, 35.8662,
-23.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	829DE6
RGB	130, 157, 230
RGB Percent	51%, 62%, 90%
CMY	0.4902, 0.3843, 0.0980
CMYK	0.43, 0.32, 0.00, 0.10
HSL	224°, 67%, 71%
HSV	224°, 43%, 90%
XYZ	35.5458, 34.5729, 79.6627
YIQ	157.2490, -39.5250, 16.9790

Conversions

Conversions Part 2

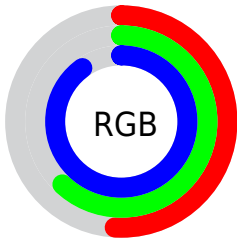
Format	Color
RYB	130, 151, 230
Decimal	8560102
CIELab	65.41, 9.31, -39.85
CIElCh	65, 40.919, 283.151
Yxy	34.5729, 0.2373, 0.2308
Android (android.graphics.Color)	4286750182 (0xFF829DE6)
YUV	157.2490, 35.8662, -23.8974
Hunter-Lab	58.7988, 5.0114, -39.1691

Details

The YUV color **157.2490, 35.8662, -23.8974** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **202.7510, -35.8662, 23.8974**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.5410, 22.9043, -19.7685**, and **104.1840, 34.4193, -26.4714** is the 20% darker color. If you saturate the color by 10%, you get **140.3930, 44.1763, -29.2857**, and if you desaturate by 10%, it is **174.1050, 27.5562, -18.5091**.

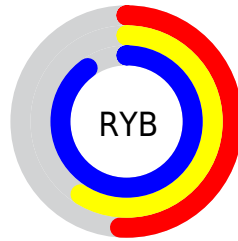
Distribution



Red (51%)

Green (62%)

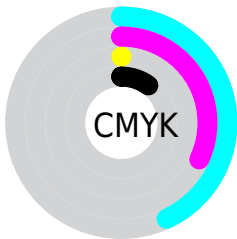
Blue (90%)



Red (51%)

Yellow (59%)

Blue (90%)

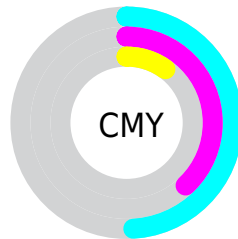


Cyan (43%)

Magenta (32%)

Yellow (0%)

Black (10%)



Cyan (49%)

Magenta (38%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.2490, 35.8662, -23.8974 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 157.2490, 35.8662, -23.8974 by changing the saturation by 10% instead.

■ 157.2490, 35.8662,
-23.8974

■ 157.2490, 35.8662,
-23.8974

255.0000, 0.0000,
0.0000

■ 130.4230, 35.2875,
-24.9270

■ 208.5410, 22.9043,
-19.7685

■ 104.1840, 34.4193,
-26.4714

■ 234.2350, 10.2371,
-16.8691

■ 78.0480, 33.9933,
-29.8601

■ 252.0100, 1.4741,
-6.1478

■ 48.4270, 35.7785,
-42.4705

■ 33.2500, 30.9357,
-29.1603

■ 18.7740, 26.2404,
-16.4648

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 157.2490, 35.8662,
-23.8974

■ 157.2490, 35.8662,
-23.8974

■ 140.3930, 44.1763,
-29.2857

■ 174.1050, 27.5562,
-18.5091

■ 123.5370, 52.4863,
-34.6739

■ 190.9610, 19.2462,
-13.1208

■ 107.2680, 60.5069,
-40.5770

■ 207.2300, 11.2256,
-7.2177

■ 90.4120, 68.8169,
-45.9653

■ 224.0860, 2.9156,
-1.8294

■ 73.5560, 77.1269,
-51.3536

■ 240.9420, -5.3944,
3.5589

■ 62.6140, 82.5213,
-54.9125

■ 252.1500,
-10.9200, 2.4994

Harmonies

Analogous

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



140.7540, 43.0123, -76.0833



157.2490, 35.8662, -23.8974



162.9400, 24.6796, 17.5926

Triad

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



157.2490, 35.8662, -23.8974



159.3370, -24.3231, 54.9555



141.8280, -2.8732, -58.6082

Complementary

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



157.2490, 35.8662, -23.8974



202.7510, -35.8662, 23.8974

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.



149.6080, -22.4847, -21.5812



157.2490, 35.8662, -23.8974



157.4090, -33.7256, 37.3523

Square

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



157.2490, 35.8662, -23.8974



161.1970, -8.4781, 59.4632



154.5320, -33.7863, 10.0574



124.3220, 24.4913, -109.0304

Rectangle

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



157.2490, 35.8662, -23.8974



163.4390, 14.5736, 39.0800



154.5320, -33.7863, 10.0574



144.9670, -10.3367, -44.6981

Sweetspot

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



157.2490, 35.8662, -23.8974



231.0450, 11.8098, -7.9325



196.9080, 2.5104, -58.6783



112.9160, 7.4364, -5.1883



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.



157.2490, 35.8662, -23.8974



158.2940, 47.6761, -31.8298



147.9780, 40.4368, 3.5273



106.1290, 4.3734, -2.7441



48.5820, 64.2961, -42.6064



14.0320, 18.2252, -12.3061

Inverse Universe

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



162.9780, -2.9472, 58.7783



165.8710, -3.8804, 78.1661



212.0220, -40.4368, -3.5273



106.9300, -0.4585, 7.0774



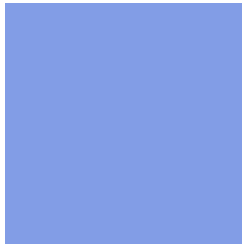
58.9930, -5.4195, 105.2461



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 157.2490, 35.8662, -23.8974 looks on a white background.

Color Contrast Check

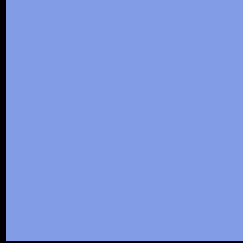
Large Text (above 18pt) WCAG AA × Fail

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 157.2490, 35.8662, -23.8974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

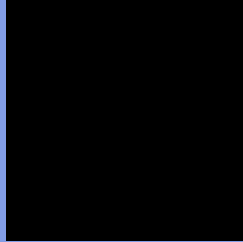
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.2490, 35.8662, -23.8974 Background



This preview shows how black text looks on a background with the YUV color 157.2490, 35.8662, -23.8974.



This preview shows how white text looks on a background with the YUV color 157.2490, 35.8662, -23.8974.

-23.8974.

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

157.2490, 35.8662, -23.8974

Protanopia

158.0430, 34.9818, -20.2087

Deuteranopia

156.9500, 36.0137, -24.5121



Tritanopia

153.2330, 13.1961, -32.6533

Trichromacy



Original Color

157.2490, 35.8662, -23.8974

Protanomaly

157.4450, 35.2766, -21.4383

Deuteranomaly

156.9500, 36.0137, -24.5121

Tritanomaly

154.4320, 21.4790, -29.3199

Monochromacy



Original Color

157.2490, 35.8662, -23.8974

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0880, 13.2676, -8.8472

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.2490, 35.8662, -23.8974 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(130, 157, 230)` looks like.

```
.text, #text, p{  
    color:rgb(130, 157, 230)  
}
```

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(130, 157, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 157, 230) }
```

Border

The CSS property to change the border of an element to YUV 157.2490, 35.8662, -23.8974 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(130, 157, 230) }
```


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

```
.border{ border-color:rgb(130, 157, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 157, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 157, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 157, 230);  
box-shadow:4px 4px 4px 4px rgb(130, 157,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 157.2490, 35.8662, -23.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 157, 230) }
```

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

```
.background{ background-color: rgb(130,  
157, 230) }
```

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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