

Converting Colors

YUV(114.6830, 57.8373,
-24.2780)

Have a look what the booklet for
YUV(114.6830, 57.8373, -24.2780)
contains.

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Color

**YUV(114.6830, 57.8373,
-24.2780)**

Conversions

Conversions Part 1

Format	Color
Hex	576AE8
RGB	87, 106, 232
RGB Percent	34%, 42%, 91%
CMY	0.6588, 0.5843, 0.0902
CMYK	0.62, 0.54, 0.00, 0.09
HSL	232°, 76%, 63%
HSV	232°, 62%, 91%
XYZ	23.6500, 18.1605, 78.6028
YIQ	114.6830, -51.7700, 35.1580

Conversions

Conversions Part 2

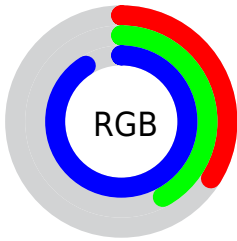
Format	Color
R _Y B	87, 104, 232
Decimal	5729000
CIE Lab	49.69, 31.34, -66.15
CIE LCh	50, 73.202, 295.347
Yxy	18.1605, 0.1964, 0.1508
Android (android.graphics.Color)	4283919080 (0xFF576AE8)
YUV	114.6830, 57.8373, -24.2780
Hunter-Lab	42.6151, 24.4851, -79.5286

Details

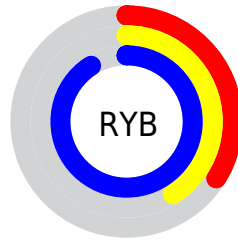
The YUV color **114.6830, 57.8373, -24.2780** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **204.3170, -57.8373, 24.2780**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7800, 43.9855, -14.7161**, and **54.5830, 59.3656, -47.8693** is the 20% darker color. If you saturate the color by 10%, you get **96.0660, 67.0155, -28.1219**, and if you desaturate by 10%, it is **133.3000, 48.6591, -20.4341**.

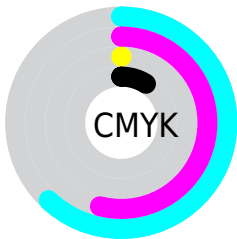
Distribution



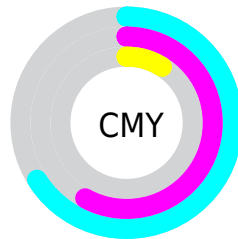
- Red (34%)
- Green (42%)
- Blue (91%)



- Red (34%)
- Yellow (41%)
- Blue (91%)



- Cyan (62%)
- Magenta (54%)
- Yellow (0%)
- Black (9%)



- Cyan (66%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6830, 57.8373, -24.2780 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 114.6830, 57.8373, -24.2780 by changing the saturation by 10% instead.

■ 114.6830, 57.8373,
-24.2780

■ 114.6830, 57.8373,
-24.2780

■ 255.0000, 0.0000,
0.0000

■ 86.5250, 57.4222,
-31.1554

■ 165.7800, 43.9855,
-14.7161

■ 54.5830, 59.3656,
-47.8693

■ 190.5990, 31.7497,
-10.1723

■ 39.1780, 53.6492,
-34.3591

■ 216.3040, 19.0771,
-5.5286

■ 25.5340, 47.0647,
-22.3933

■ 241.7100, 6.5520,
-1.4997

■ 10.9440, 41.9326,
-9.5979

■ 12.7900, 28.6975,
-11.2168

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 114.6830, 57.8373,
-24.2780

■ 114.6830, 57.8373,
-24.2780

■ 96.0660, 67.0155,
-28.1219

■ 133.3000, 48.6591,
-20.4341

■ 77.4490, 76.1936,
-31.9658

■ 151.9170, 39.4809,
-16.5902

■ 58.5330, 85.5192,
-36.4244

■ 170.8330, 30.1553,
-12.1315

■ 44.0580, 92.6554,
-38.6389

■ 190.0370, 20.6878,
-8.8024

■ 208.6540, 11.5096,
-4.9586

■ 227.2710, 2.3314,
-1.1147

■ 245.8880, -6.8468,
2.7292

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



103.5390, 69.2473, -90.8037



114.6830, 57.8373, -24.2780



117.7550, 35.6168, 56.3429

Triad

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



114.6830, 57.8373, -24.2780



107.9120, -53.2006, 77.2532



96.6120, 4.6283, -84.7287

Complementary

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



114.6830, 57.8373, -24.2780



204.3170, -57.8373, 24.2780

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.



86.6260, -23.4796, -75.9710



114.6830, 57.8373, -24.2780



110.8930, -54.6702, 35.1738

Square

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



114.6830, 57.8373, -24.2780



102.4200, -16.4761, 104.8717



103.8180, -51.1823, -10.3644



104.4950, 32.2940, -91.6421

Rectangle

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



114.6830, 57.8373, -24.2780



107.6040, 21.3942, 91.5553



103.8180, -51.1823, -10.3644



93.5170, -4.6919, -82.0144

Sweetspot

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



114.6830, 57.8373, -24.2780



215.9940, 19.2300, -7.8877



186.4790, 13.0749, -87.2431



103.7680, 11.9464, -5.0585



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.



114.6830, 57.8373, -24.2780



100.4490, 76.1936, -31.9658



119.3770, 55.5231, 18.0864



105.5420, 4.6628, -2.2293



33.9070, 71.5308, -29.7364



9.9230, 20.2510, -8.7025

Inverse Universe

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



132.5210, -13.0749, 87.2431



123.9590, -17.2348, 114.9230



199.6230, -55.5231, -18.0864



106.8160, -0.8953, 7.1774



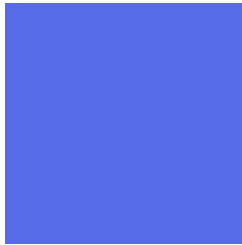
56.1430, -16.3395, 107.7456



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 114.6830, 57.8373, -24.2780 looks on a white background.

Color Contrast Check

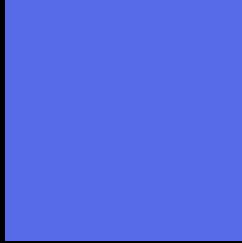
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.6830, 57.8373, -24.2780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

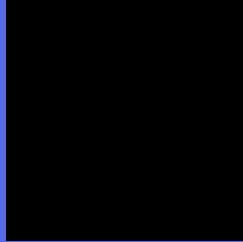
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.6830, 57.8373, -24.2780

Background



This preview shows how black text looks on a background with the YUV color 114.6830, 57.8373, -24.2780.



This preview shows how white text looks on a background with the YUV color 114.6830, 57.8373, -24.2780.

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

114.6830, 57.8373, -24.2780

Protanopia

98.4750, 69.7718, -72.3306

Deuteranopia

94.2660, 56.5639, -82.6713



Tritanopia

102.7460, 18.3662, -57.6592

Trichromacy



Original Color

114.6830, 57.8373, -24.2780

Protanomaly

104.1460, 65.4970, -54.5020

Deuteranomaly

101.8110, 56.7882, -61.2242

Tritanomaly

107.1940, 32.4424, -45.7741

Monochromacy



Original Color

114.6830, 57.8373, -24.2780

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

115.1510, 21.1246, -8.9024

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6830, 57.8373, -24.2780 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(87, 106, 232)` looks like.

```
.text, #text, p{  
    color:rgb(87, 106, 232)  
}
```

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(87, 106, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 106, 232) }
```

Border

The CSS property to change the border of an element to YUV 114.6830, 57.8373, -24.2780 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(87, 106, 232) }
```


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

```
.border{ border-color:rgb(87, 106, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 106, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 106, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 106, 232);  
box-shadow:4px 4px 4px 4px rgb(87, 106,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 114.6830, 57.8373, -24.2780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 106, 232) }
```

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

```
.background{ background-color: rgb(87, 106,  
232) }
```

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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