

Converting Colors

YUV(162.4680, 30.3353,
-23.2124)

Have a look what the booklet for
YUV(162.4680, 30.3353, -23.2124)
contains.

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Color

**YUV(162.4680, 30.3353,
-23.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	88A4E0
RGB	136, 164, 224
RGB Percent	53%, 64%, 88%
CMY	0.4667, 0.3569, 0.1216
CMYK	0.39, 0.27, 0.00, 0.12
HSL	221°, 59%, 71%
HSV	221°, 39%, 88%
XYZ	36.8833, 37.1670, 75.7510
YIQ	162.4680, -35.9480, 12.7240

Conversions

Conversions Part 2

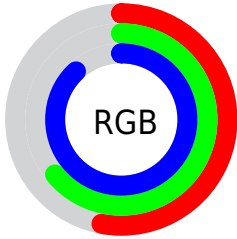
Format	Color
RYB	136, 157, 224
Decimal	8955104
CIELab	67.40, 5.21, -33.42
CIELCh	67, 33.824, 278.855
Yxy	37.1670, 0.2462, 0.2481
Android (android.graphics.Color)	4287145184 (0xFF88A4E0)
YUV	162.4680, 30.3353, -23.2124
Hunter-Lab	60.9647, 1.3033, -30.9948

Details

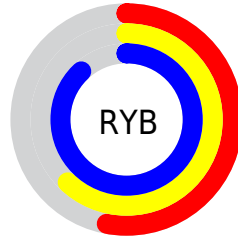
The YUV color **162.4680, 30.3353, -23.2124** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **197.5320, -30.3353, 23.2124**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0310, 19.7047, -20.1982**, and **110.1150, 29.0303, -24.6569** is the 20% darker color. If you saturate the color by 10%, you get **147.0850, 37.9191, -29.0155**, and if you desaturate by 10%, it is **177.8510, 22.7515, -17.4093**.

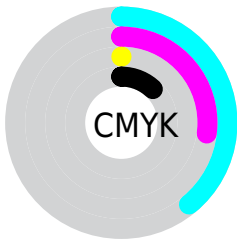
Distribution



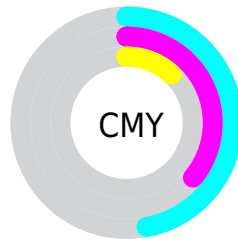
- Red (53%)
- Green (64%)
- Blue (88%)



- Red (53%)
- Yellow (62%)
- Blue (88%)



- Cyan (39%)
- Magenta (27%)
- Yellow (0%)
- Black (12%)



- Cyan (47%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.4680, 30.3353, -23.2124 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 162.4680, 30.3353, -23.2124 by changing the saturation by 10% instead.

■ 162.4680, 30.3353,
-23.2124

■ 162.4680, 30.3353,
-23.2124

255.0000, 0.0000,
0.0000

■ 135.9410, 29.6091,
-23.6273

■ 215.0310, 19.7047,
-20.1982

■ 110.1150, 29.0303,
-24.6569

■ 240.1380, 7.3270,
-16.7840

■ 83.9900, 28.5989,
-26.3012

■ 253.5050, 0.7370,
-3.0739

■ 58.2560, 28.4678,
-30.9195

■ 35.6150, 27.3048,
-31.2344

■ 21.1390, 22.6095,
-18.5389

■ 6.8910, 18.7877,

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 162.4680, 30.3353,
-23.2124

■ 162.4680, 30.3353,
-23.2124

■ 147.0850, 37.9191,
-29.0155

■ 177.8510, 22.7515,
-17.4093

■ 130.8160, 45.9397,
-34.9186

■ 194.1200, 14.7308,
-11.5062

■ 115.4330, 53.5235,
-40.7217

■ 209.5030, 7.1470,
-5.7031

■ 99.7510, 61.2548,
-47.1396

■ 225.1850, -0.5842,
0.7148

■ 84.3680, 68.8386,
-52.9427

■ 240.5680, -8.1680,
6.5179

■ 68.3980, 76.7118,
-58.2310

■ 251.4660,
-13.5407, 3.0993

■ 67.2130, 77.2960,
-58.9458

Harmonies

Analogous

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



152.6440, 33.2065, -57.5698



162.4680, 30.3353, -23.2124



167.7990, 21.7911, 10.7003

Triad

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



162.4680, 30.3353, -23.2124



165.3730, -18.9179, 47.9079



152.8410, -5.8376, -41.0796

Complementary

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



162.4680, 30.3353, -23.2124



197.5320, -30.3353, 23.2124

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.



157.8200, -20.6173, -13.8741



162.4680, 30.3353, -23.2124



163.9940, -27.6050, 34.2083

Square

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



162.4680, 30.3353, -23.2124



167.5270, -5.6828, 49.5268



161.2210, -28.7030, 12.9612



146.1870, 12.7258, -68.5700

Rectangle

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



162.4680, 30.3353, -23.2124



168.4440, 13.5851, 29.4286



161.2210, -28.7030, 12.9612



154.8160, -11.2483, -32.2876

Sweetspot

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



162.4680, 30.3353, -23.2124



233.4040, 10.6468, -8.2473



194.3820, 0.3047, -51.2010



114.9870, 6.4154, -4.3736



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.



162.4680, 30.3353, -23.2124



170.9860, 41.4189, -31.5597



150.5170, 36.2271, 0.4236



104.6020, 3.6472, -3.1590



52.9360, 60.6706, -46.4249



14.2770, 16.6254, -12.5209

Inverse Universe

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



165.5040, -0.7415, 51.3010



175.2120, -1.0905, 69.9741



209.4830, -36.2271, -0.4236



104.7450, 0.1257, 6.3626



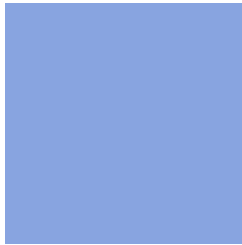
59.0080, -1.4829, 102.6020



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 162.4680, 30.3353, -23.2124 looks on a white background.

Color Contrast Check

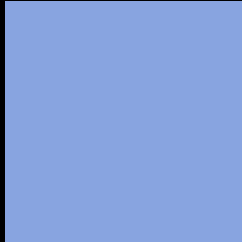
Large Text (above 18pt) WCAG AA × Fail

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 162.4680, 30.3353, -23.2124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

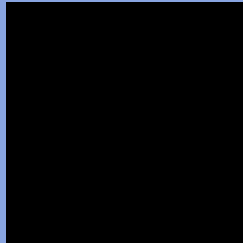
Any Text WCAG AA ✓ Pass

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 162.4680, 30.3353, -23.2124 Background



This preview shows how black text looks on a background with the YUV color 162.4680, 30.3353, -23.2124.



This preview shows how white text looks on a background with the YUV color 162.4680, 30.3353,

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

162.4680, 30.3353, -23.2124

Protanopia

164.0560, 28.5664, -15.8351

Deuteranopia

164.0990, 30.0242, -16.7498



Tritanopia

159.1410, 12.7485, -29.0647

Trichromacy



Original Color

162.4680, 30.3353, -23.2124

Protanomaly

163.5610, 29.3034, -18.9090

Deuteranomaly

163.7890, 30.1770, -19.1090

Tritanomaly

160.1720, 19.1422, -26.4608

Monochromacy



Original Color

162.4680, 30.3353, -23.2124

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.5180, 11.0836, -8.3473

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4680, 30.3353, -23.2124 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(136, 164, 224)` looks like.

```
.text, #text, p{  
    color:rgb(136, 164, 224)  
}
```

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(136, 164, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 164, 224) }
```

Border

The CSS property to change the border of an element to YUV 162.4680, 30.3353, -23.2124 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(136, 164, 224) }
```


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

```
.border{ border-color:rgb(136, 164, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 164, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 164, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 164, 224);  
box-shadow:4px 4px 4px 4px rgb(136, 164,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 162.4680, 30.3353, -23.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 164, 224) }
```

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

```
.background{ background-color: rgb(136,  
164, 224) }
```

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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