

Converting Colors

YUV(165.1760, 23.0842,
-30.8494)

Have a look what the booklet for
YUV(165.1760, 23.0842, -30.8494)
contains.

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Color

**YUV(165.1760, 23.0842,
-30.8494)**

Conversions

Conversions Part 1

Format	Color
Hex	82AED4
RGB	130, 174, 212
RGB Percent	51%, 68%, 83%
CMY	0.4902, 0.3176, 0.1686
CMYK	0.39, 0.18, 0.00, 0.17
HSL	208°, 49%, 67%
HSV	208°, 39%, 83%
XYZ	36.2256, 39.7714, 68.0547
YIQ	165.1760, -38.4220, 2.4900

Conversions

Conversions Part 2

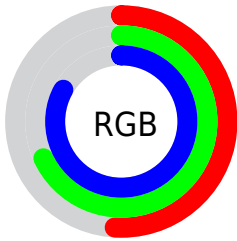
Format	Color
R_{YB}	130, 159, 212
Decimal	8564436
CIE _{Lab}	69.31, -5.18, -23.92
CIE _{LCh}	69, 24.475, 257.776
Yxy	39.7714, 0.2515, 0.2761
Android (android.graphics.Color)	4286754516 (0xFF82AED4)
YUV	165.1760, 23.0842, -30.8494
Hunter-Lab	63.0646, -7.8288, -19.8363

Details

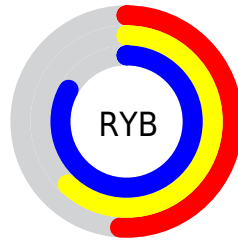
The YUV color **165.1760, 23.0842, -30.8494** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **176.8240, -23.0842, 30.8494**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.8080, 17.8427, -29.6496**, and **112.2360, 22.0687, -31.7790** is the 20% darker color. If you saturate the color by 10%, you get **153.0270, 29.0737, -38.6117**, and if you desaturate by 10%, it is **177.3250, 17.0948, -23.0870**.

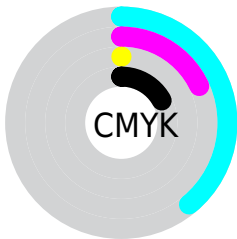
Distribution



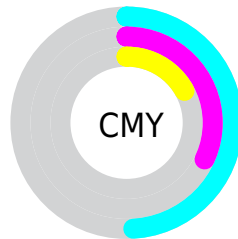
- Red (51%)
- Green (68%)
- Blue (83%)



- Red (51%)
- Yellow (62%)
- Blue (83%)



- Cyan (39%)
- Magenta (18%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (32%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1760, 23.0842, -30.8494 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 165.1760, 23.0842, -30.8494 by changing the saturation by 10% instead.

■ 165.1760, 23.0842,
-30.8494

■ 165.1760, 23.0842,
-30.8494

■ 255.0000, 0.0000,
0.0000

■ 138.0620, 22.6474,
-30.7494

■ 218.8080, 17.8427,
-29.6496

■ 112.2360, 22.0687,
-31.7790

■ 242.7410, 6.0437,
-25.2059

■ 86.5240, 21.9267,
-32.9085

■ 251.4120, 1.7689,
-7.3773

■ 60.0180, 22.6691,
-37.7268

■ 39.1710, 20.6217,
-34.3530

■ 24.2220, 16.6526,
-21.2427

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 165.1760, 23.0842,
-30.8494

■ 165.1760, 23.0842,
-30.8494

■ 153.0270, 29.0737,
-38.6117

■ 177.3250, 17.0948,
-23.0870

■ 140.8780, 35.0631,
-46.3740

■ 189.4740, 11.1053,
-15.3247

■ 129.0170, 40.9106,
-55.2659

■ 201.3350, 5.2578,
-6.4328

■ 116.8680, 46.9001,
-63.0282

■ 213.4840, -0.7316,
1.3295

■ 104.7190, 52.8895,
-70.7906

■ 225.6330, -6.7211,
9.0919

■ 92.5700, 58.8790,
-78.5529

■ 237.1840,
-12.4157, 15.6246

■ 91.0860, 59.6106,
-79.8824

■ 243.0540,
-15.3096, 10.4766

■ 248.9240,
-18.2035, 5.3287

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



160.2790, 20.0755, -45.8487



165.1760, 23.0842, -30.8494



170.2220, 20.1036, -8.0877

Triad

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



165.1760, 23.0842, -30.8494



172.5810, -7.6814, 37.2015



164.2850, -12.4655, -15.1589

Complementary

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



165.1760, 23.0842, -30.8494



176.8240, -23.0842, 30.8494

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.



166.8700, -19.6559, 4.4990



165.1760, 23.0842, -30.8494



170.8550, -16.6905, 33.4532

Square

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



165.1760, 23.0842, -30.8494



172.9960, 2.9600, 30.6985



169.2250, -21.3099, 21.7277



160.8510, -0.9125, -34.0723

Rectangle

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



165.1760, 23.0842, -30.8494



172.1700, 15.6922, 6.8669



169.2250, -21.3099, 21.7277



164.9330, -15.2500, -8.7112

Sweetspot

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



165.1760, 23.0842, -30.8494



237.5130, 8.6211, -11.8509



182.3520, -7.5685, -45.9127



117.3350, 5.2578, -6.4328



0.0000, 0.0000, 0.0000



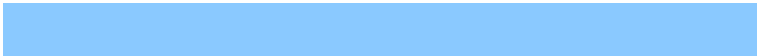
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.1760, 23.0842, -30.8494



188.3190, 32.8737, -44.1298



141.6960, 34.6599, -10.2574



100.7760, 3.0684, -4.1886



73.4980, 48.0685, -64.4577



18.4030, 12.1263, -16.1394

Inverse Universe

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



159.5340, 7.1317, 46.0127



180.1650, 10.2717, 65.6303



200.3040, -34.6599, 10.2574



99.9730, 0.9993, 6.1627



61.6170, 14.9788, 95.9289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 165.1760, 23.0842, -30.8494 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 165.1760, 23.0842, -30.8494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

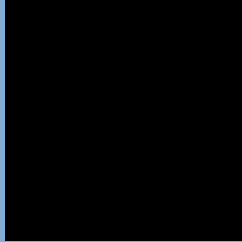
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.1760, 23.0842, -30.8494

Background



This preview shows how black text looks on a background with the YUV color 165.1760, 23.0842, -30.8494.

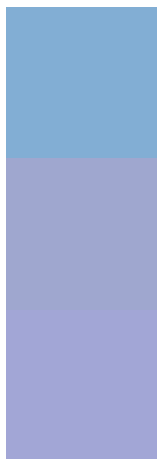


This preview shows how white text looks on a background with the YUV color 165.1760, 23.0842, -30.8494.

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

165.1760, 23.0842, -30.8494

Protanopia

169.1680, 18.6512, -8.9173

Deuteranopia

170.2760, 21.5559, -7.2581



Tritanopia

163.7490, 13.9277, -33.9829

Trichromacy



Original Color

165.1760, 23.0842, -30.8494

Protanomaly

167.8680, 20.2781, -17.4242

Deuteranomaly

168.3350, 22.0198, -16.0798

Tritanomaly

164.5580, 16.9799, -32.9384

Monochromacy



Original Color

165.1760, 23.0842, -30.8494

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8120, 8.4737, -11.2361

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1760, 23.0842, -30.8494 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, 174, 212)` looks like.

```
.text, #text, p{  
    color:rgb(130, 174, 212)  
}
```

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, 174, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 174, 212) }
```

Border

The CSS property to change the border of an element to YUV 165.1760, 23.0842, -30.8494 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, 174, 212) }
```


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

```
.border{ border-color:rgb(130, 174, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 174, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 174, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 174, 212);  
box-shadow:4px 4px 4px 4px rgb(130, 174,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 165.1760, 23.0842, -30.8494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 174, 212) }
```

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

```
.background{ background-color: rgb(130,  
174, 212) }
```

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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