

Converting Colors

YUV(162.1120, 33.4688,
-48.3332)

Have a look what the booklet for
YUV(162.1120, 33.4688, -48.3332)
contains.

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Color

**YUV(162.1120, 33.4688,
-48.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	6BB1E6
RGB	107, 177, 230
RGB Percent	42%, 69%, 90%
CMY	0.5804, 0.3059, 0.0980
CMYK	0.53, 0.23, 0.00, 0.10
HSL	206°, 71%, 66%
HSV	206°, 53%, 90%
XYZ	36.0685, 40.2833, 80.7373
YIQ	162.1120, -58.7330, 1.6430

Conversions

Conversions Part 2

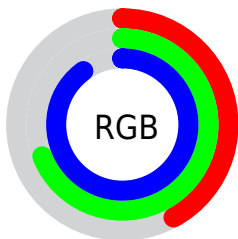
Format	Color
RYB	107, 152, 230
Decimal	7057894
CIELab	69.67, -7.28, -33.32
CIELCh	70, 34.101, 257.677
Yxy	40.2833, 0.2296, 0.2564
Android (android.graphics.Color)	4285247974 (0xFF6BB1E6)
YUV	162.1120, 33.4688, -48.3332
Hunter-Lab	63.4691, -9.6322, -30.9929

Details

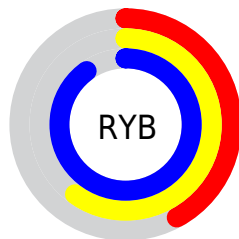
The YUV color **162.1120, 33.4688, -48.3332** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **174.8880, -33.4688, 48.3332**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.1760, 19.6332, -44.0044**, and **106.0680, 33.4905, -55.3106** is the 20% darker color. If you saturate the color by 10%, you get **149.3650, 39.7531, -57.3251**, and if you desaturate by 10%, it is **174.8590, 27.1845, -39.3413**.

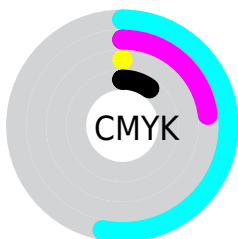
Distribution



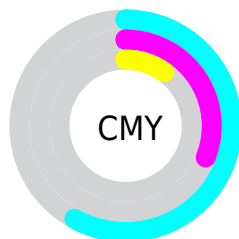
- Red (42%)
- Green (69%)
- Blue (90%)



- Red (42%)
- Yellow (60%)
- Blue (90%)



- Cyan (53%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (58%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.1120, 33.4688, -48.3332 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 162.1120, 33.4688, -48.3332 by changing the saturation by 10% instead.

■ 162.1120, 33.4688,
-48.3332

■ 162.1120, 33.4688,
-48.3332

255.0000, 0.0000,
0.0000

■ 134.1010, 33.4742,
-50.0776

■ 215.1760, 19.6332,
-44.0044

■ 106.0680, 33.4905,
-55.3106

■ 236.7610, 8.9918,
-37.5014

■ 75.4580, 35.2702,
-66.1767

■ 245.7310, 4.5696,
-19.0581

■ 58.4060, 30.8588,
-51.2221

254.7010, 0.1474,
-0.6148

■ 42.0550, 26.5949,
-36.8822

■ 27.5790, 21.8996,
-24.1868

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 162.1120, 33.4688,
-48.3332

■ 162.1120, 33.4688,
-48.3332

■ 149.3650, 39.7531,
-57.3251

■ 174.8590, 27.1845,
-39.3413

■ 136.6180, 46.0373,
-66.3170

■ 187.6060, 20.9002,
-30.3495

■ 123.8710, 52.3216,
-75.3089

■ 200.3530, 14.6160,
-21.3576

■ 111.1240, 58.6059,
-84.3007

■ 213.1000, 8.3317,
-12.3657

■ 103.1170, 62.5533,
-90.4336

■ 225.8470, 2.0474,
-3.3738

■ 238.0070, -3.9475,
6.1329

■ 246.8670, -8.3154,
7.1326

■ 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.



151.9530, 31.0822, -76.2578



162.1120, 33.4688, -48.3332



170.7790, 28.7030, -12.9612

Triad

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



162.1120, 33.4688, -48.3332



172.8000, -9.7614, 51.0414



162.6880, -17.1012, -21.6514

Complementary

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



162.1120, 33.4688, -48.3332



174.8880, -33.4688, 48.3332

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.



166.5190, -27.3709, 5.6838



162.1120, 33.4688, -48.3332



171.7380, -22.5488, 45.8338

Square

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



162.1120, 33.4688, -48.3332



174.5290, 4.6692, 42.5091



169.5050, -29.3360, 29.3751



156.8660, -0.4269, -49.8715

Rectangle

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



162.1120, 33.4688, -48.3332



173.3150, 22.5227, 9.3707



169.5050, -29.3360, 29.3751



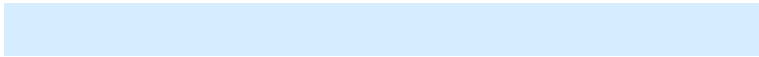
164.1900, -21.7857, -12.4446

Sweetspot

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



162.1120, 33.4688, -48.3332



232.1750, 11.2527, -15.9395



185.0150, -13.3184, -68.4192



114.0680, 6.8685, -9.7066



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.



162.1120, 33.4688, -48.3332



165.1730, 44.2847, -64.1727



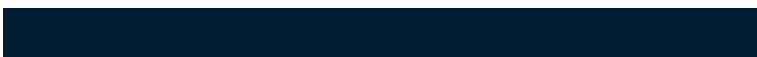
126.8920, 50.8322, -17.4453



108.4770, 3.2158, -4.8033



80.2800, 48.6690, -70.4056



22.8370, 13.8844, -20.0280

Inverse Universe

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



151.7570, 12.4448, 68.6191



151.3390, 16.5949, 90.9107



210.1080, -50.8322, 17.4453



107.3860, 1.2887, 6.6775



65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 162.1120, 33.4688, -48.3332 looks on a white background.

Color Contrast Check

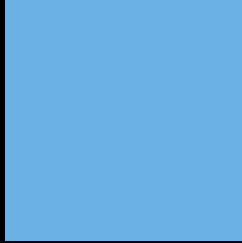
Large Text (above 18pt) WCAG AA × Fail

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 162.1120, 33.4688, -48.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

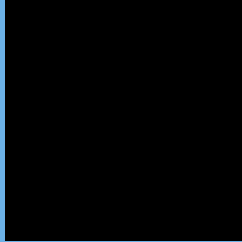
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.1120, 33.4688, -48.3332

Background



This preview shows how black text looks on a background with the YUV color 162.1120, 33.4688, -48.3332.



This preview shows how white text looks on a background with the YUV color 162.1120, 33.4688, -48.3332.

-48.3332.

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

162.1120, 33.4688, -48.3332

Protanopia

169.4970, 26.3770, -13.5909

Deuteranopia

169.3270, 30.8978, -16.9498



Tritanopia

158.3980, 19.5238, -55.6000

Trichromacy



Original Color

162.1120, 33.4688, -48.3332

Protanomaly

167.1040, 29.0357, -26.4012

Deuteranomaly

166.7770, 31.6619, -28.7454

Tritanomaly

159.7880, 24.7545, -53.3111

Monochromacy



Original Color

162.1120, 33.4688, -48.3332

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.8050, 12.4211, -17.3690

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.1120, 33.4688, -48.3332 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(107, 177, 230)` looks like.

```
.text, #text, p{  
    color:rgb(107, 177, 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(107, 177, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 177, 230) }
```

Border

The CSS property to change the border of an element to YUV 162.1120, 33.4688, -48.3332 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(107, 177, 230) }
```


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

```
.border{ border-color:rgb(107, 177, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 177, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 177, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 177, 230);  
box-shadow:4px 4px 4px 4px rgb(107, 177,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 162.1120, 33.4688, -48.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 177, 230) }
```

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

```
.background{ background-color: rgb(107,  
177, 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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