

Converting Colors

YUV(168.2080, 21.0965,
-46.6634)

Have a look what the booklet for
YUV(168.2080, 21.0965, -46.6634)
contains.

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Color

**YUV(168.2080, 21.0965,
-46.6634)**

Conversions

Conversions Part 1

Format	Color
Hex	73BBD3
RGB	115, 187, 211
RGB Percent	45%, 73%, 83%
CMY	0.5490, 0.2667, 0.1725
CMYK	0.45, 0.11, 0.00, 0.17
HSL	195°, 52%, 64%
HSV	195°, 45%, 83%
XYZ	36.5984, 43.8886, 68.1704
YIQ	168.2080, -50.6160, -7.8000

Conversions

Conversions Part 2

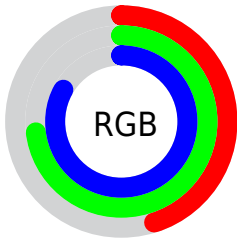
Format	Color
R _Y B	115, 156, 211
Decimal	7584723
CIE Lab	72.15, -16.22, -19.11
CIE LCh	72, 25.062, 229.677
Yxy	43.8886, 0.2462, 0.2952
Android (android.graphics.Color)	4285774803 (0xFF73BBD3)
YUV	168.2080, 21.0965, -46.6634
Hunter-Lab	66.2485, -17.3240, -14.6361

Details

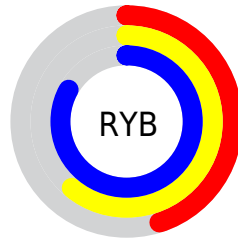
The YUV color **168.2080, 21.0965, -46.6634** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **157.7920, -21.0965, 46.6634**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.8400, 15.8549, -45.4637**, and **113.7840, 20.8125, -48.9226** is the 20% darker color. If you saturate the color by 10%, you get **158.9940, 25.6390, -56.9997**, and if you desaturate by 10%, it is **177.4220, 16.5540, -36.3271**.

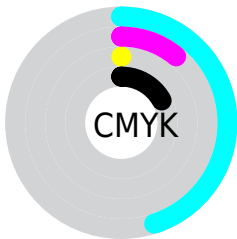
Distribution



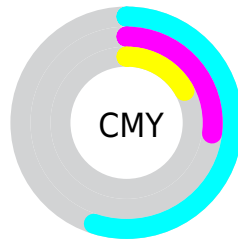
- Red (45%)
- Green (73%)
- Blue (83%)



- Red (45%)
- Yellow (61%)
- Blue (83%)



- Cyan (45%)
- Magenta (11%)
- Yellow (0%)
- Black (17%)



- Cyan (55%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2080, 21.0965, -46.6634 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 168.2080, 21.0965, -46.6634 by changing the saturation by 10% instead.

■ 168.2080, 21.0965,
-46.6634

■ 168.2080, 21.0965,
-46.6634

■ 255.0000, 0.0000,
0.0000

■ 140.7950, 20.8071,
-47.1782

■ 222.8400, 15.8549,
-45.4637

■ 113.7840, 20.8125,
-48.9226

■ 238.5550, 8.1074,
-33.8127

■ 85.0930, 22.1392,
-54.4556

■ 247.2260, 3.8326,
-15.9842

■ 61.2780, 21.5549,
-53.7408

■ 45.0410, 17.7278,
-39.5010

■ 29.5050, 14.0480,
-25.8759

■ 13.4960, 11.0945,

-11.8360

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 168.2080, 21.0965,
-46.6634

■ 168.2080, 21.0965,
-46.6634

■ 158.9940, 25.6390,
-56.9997

■ 177.4220, 16.5540,
-36.3271

■ 149.1930, 30.4709,
-66.8213

■ 187.2230, 11.7221,
-26.5056

■ 139.9790, 35.0134,
-77.1576

■ 196.4370, 7.1796,
-16.1692

■ 130.7650, 39.5559,
-87.4939

■ 205.6510, 2.6371,
-5.8329

■ 121.2520, 44.2458,
-98.4450

■ 214.8650, -1.9054,
4.5034

■ 116.8000, 46.4406,
-102.4336

■ 224.9650, -6.8847,
14.9397

■ 231.7870,
-10.2480, 20.3578

■ 234.7220,
-11.6949, 17.7838

■ 237.6570,
-13.1419, 15.2098

Harmonies

Analogous

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



166.4930, 12.0820, -48.6674



168.2080, 21.0965, -46.6634



172.7030, 23.8104, -30.4345

Triad

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



168.2080, 21.0965, -46.6634



180.8930, 2.5178, 32.5428



174.1580, -19.7979, 3.3694

Complementary

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



168.2080, 21.0965, -46.6634



157.7920, -21.0965, 46.6634

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.



176.6980, -22.0361, 21.3129



168.2080, 21.0965, -46.6634



180.0650, -8.4130, 38.5310

Square

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



168.2080, 21.0965, -46.6634



180.5410, 13.0443, 16.1885



178.3390, -17.4221, 34.7827



171.3880, -12.0233, -17.0033

Rectangle

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



168.2080, 21.0965, -46.6634



176.1610, 22.5986, -15.0502



178.3390, -17.4221, 34.7827



175.1480, -21.2720, 9.5172

Sweetspot

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



168.2080, 21.0965, -46.6634



238.9530, 7.9112, -17.4988



174.0880, -17.2984, -51.8202



117.9000, 4.9793, -10.4363



0.0000, 0.0000, 0.0000



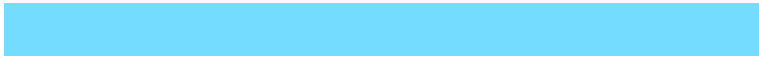
128.0000, 0.0000, 0.0000

Same Dimension

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



168.2080, 21.0965, -46.6634



192.5950, 30.7657, -68.0508



140.0320, 34.9872, -21.9531



99.9500, 2.4897, -5.2181



93.1140, 36.9188, -81.6610



22.8710, 8.9376, -20.0579

Inverse Universe

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



151.9120, 17.2984, 51.8202



168.8300, 25.2268, 75.5711



185.9680, -34.9872, 21.9531



98.2010, 1.8729, 5.9627



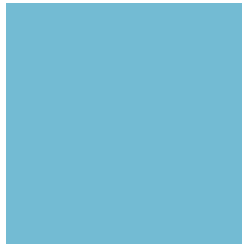
64.5960, 30.2722, 90.6853



15.7930, 7.4971, 22.1065

Previews

White Background



This preview shows how the YUV color 168.2080, 21.0965, -46.6634 looks on a white background.

Color Contrast Check

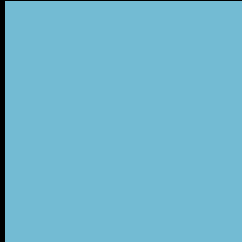
Large Text (above 18pt) WCAG AA × Fail

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 168.2080, 21.0965, -46.6634 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 168.2080, 21.0965, -46.6634 Background



This preview shows how black text looks on a background with the YUV color 168.2080, 21.0965, -46.6634.



This preview shows how white text looks on a background with the YUV color 168.2080, 21.0965, -46.6634.

-46.6634.

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

168.2080, 21.0965, -46.6634

Protanopia

176.9960, 12.8200, -5.2585

Deuteranopia

177.3860, 18.0507, -2.9695



Tritanopia

167.2850, 17.6075, -47.6079

Trichromacy



Original Color

168.2080, 21.0965, -46.6634

Protanomaly

173.7060, 15.9209, -19.9132

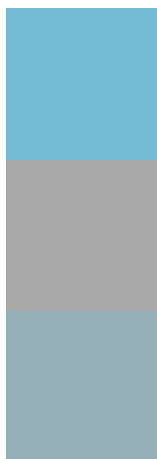
Deuteranomaly

173.9280, 19.2625, -18.3539

Tritanomaly

167.9260, 18.7705, -47.2931

Monochromacy



Original Color

168.2080, 21.0965, -46.6634

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2520, 7.7638, -16.8840

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2080, 21.0965, -46.6634 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(115, 187, 211)` looks like.

```
.text, #text, p{  
    color:rgb(115, 187, 211)  
}
```

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(115, 187, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 187, 211) }
```

Border

The CSS property to change the border of an element to YUV 168.2080, 21.0965, -46.6634 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(115, 187, 211) }
```


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

```
.border{ border-color:rgb(115, 187, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 187, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 187, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 187, 211);  
box-shadow:4px 4px 4px 4px rgb(115, 187,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 168.2080, 21.0965, -46.6634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 187, 211) }
```

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

```
.background{ background-color: rgb(115,  
187, 211) }
```

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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