

Converting Colors

YUV(166.2780, 4.7929,
-44.0938)

Have a look what the booklet for
YUV(166.2780, 4.7929, -44.0938)
contains.

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Color

**YUV(166.2780, 4.7929,
-44.0938)**

Conversions

Conversions Part 1

Format	Color
Hex	74BEB0
RGB	116, 190, 176
RGB Percent	45%, 75%, 69%
CMY	0.5451, 0.2549, 0.3098
CMYK	0.39, 0.00, 0.07, 0.25
HSL	169°, 36%, 60%
HSV	169°, 39%, 75%
XYZ	33.4524, 43.6745, 47.7412
YIQ	166.2780, -39.6100, -20.0420

Conversions

Conversions Part 2

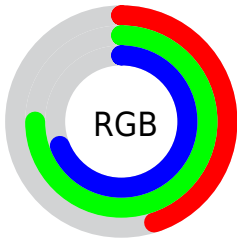
Format	Color
RYB	116, 157, 190
Decimal	7650992
CIELab	72.01, -26.33, -0.20
CIElCh	72, 26.336, 180.432
Yxy	43.6745, 0.2679, 0.3498
Android (android.graphics.Color)	4285841072 (0xFF74BEB0)
YUV	166.2780, 4.7929, -44.0938
Hunter-Lab	66.0867, -25.2969, 3.4294

Details

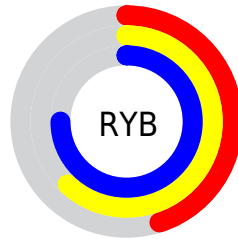
The YUV color **166.2780, 4.7929, -44.0938** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **139.7220, -4.7929, 44.0938**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.5660, 4.6510, -45.2234**, and **112.5060, 5.6665, -44.2938** is the 20% darker color. If you saturate the color by 10%, you get **160.1410, 5.8465, -55.3747**, and if you desaturate by 10%, it is **172.4150, 3.7394, -32.8130**.

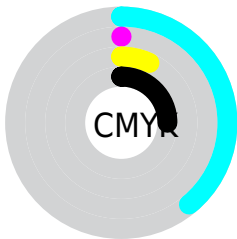
Distribution



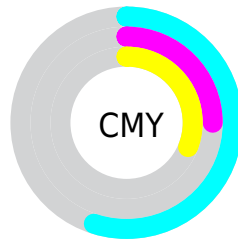
- Red (45%)
- Green (75%)
- Blue (69%)



- Red (45%)
- Yellow (62%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2780, 4.7929, -44.0938 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 166.2780, 4.7929, -44.0938 by changing the saturation by 10% instead.

■ 166.2780, 4.7929,
-44.0938

■ 166.2780, 4.7929,
-44.0938

■ 255.0000, 0.0000,
0.0000

■ 139.2780, 4.7929,
-44.0938

■ 222.5660, 4.6510,
-45.2234

■ 112.5060, 5.6665,
-44.2938

■ 238.2560, 8.2548,
-34.4275

■ 86.3100, 6.2562,
-46.7529

■ 246.9270, 3.9800,
-16.5990

■ 59.0320, 7.8722,
-51.7711

■ 42.3220, 4.7713,
-37.1164

■ 27.0140, 1.9651,
-23.6913

■ 9.0160, -0.9939,

-7.9070

■ 0.0000, 0.0000,
0.0000

■ 166.2780, 4.7929,
-44.0938

■ 166.2780, 4.7929,
-44.0938

■ 160.1410, 5.8465,
-55.3747

■ 172.4150, 3.7394,
-32.8130

■ 154.1180, 7.3368,
-66.7555

■ 178.4380, 2.2491,
-21.4321

■ 147.9810, 8.3904,
-78.0363

■ 184.5750, 1.1955,
-10.1513

■ 141.9580, 9.8807,
-89.4172

■ 190.5980, -0.2948,
1.2296

■ 135.8210, 10.9342,
-100.6980

■ 196.7350, -1.3484,
12.5104

■ 129.6840, 11.9878,
-111.9789

■ 202.8720, -2.4019,
23.7913

■ 129.0860, 12.2826,
-113.2084

■ 208.8950, -3.8922,
35.1721

■ 211.1450, -3.0295,
38.4608

■ 211.4870, -1.7191,
38.1609

Harmonies

Analogous

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



169.5440, -8.6492, -25.9101



166.2780, 4.7929, -44.0938



165.1380, 17.1870, -52.7410

Triad

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



166.2780, 4.7929, -44.0938



178.7610, 19.3448, 1.9636



177.4050, -20.9057, 32.0938

Complementary

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



166.2780, 4.7929, -44.0938



139.7220, -4.7929, 44.0938

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.



179.2240, -12.9284, 40.1456



166.2780, 4.7929, -44.0938



180.7870, 9.9650, 23.8658

Square

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



166.2780, 4.7929, -44.0938



174.5620, 24.3729, -24.1719



180.1880, -1.5717, 37.5461



175.4370, -22.8934, 16.2798

Rectangle

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



166.2780, 4.7929, -44.0938



167.2400, 22.5597, -49.3225



180.1880, -1.5717, 37.5461



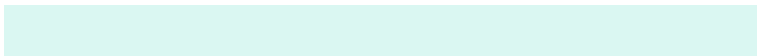
178.2960, -18.8799, 35.6974

Sweetspot

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



166.2780, 4.7929, -44.0938



237.7590, 2.0908, -17.3286



163.9230, -23.6260, -28.8735



119.2760, 1.3429, -10.7661



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



166.2780, 4.7929, -44.0938



209.8080, 7.4897, -69.1146



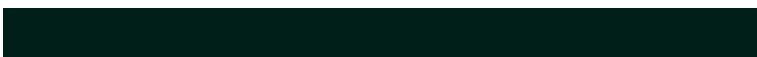
154.9600, 17.2747, -34.1679



91.1950, 0.8899, -5.4330



107.3380, 10.1864, -94.1354



21.0470, 1.9488, -18.4582

Inverse Universe

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



139.7220, -4.7929, 44.0938



168.1920, -7.4897, 69.1146



151.0400, -17.2747, 34.1679



87.9190, -0.4531, 5.3330



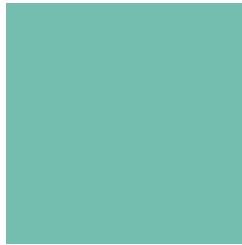
50.6620, -10.1864, 94.1354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 166.2780, 4.7929, -44.0938 looks on a white background.

Color Contrast Check

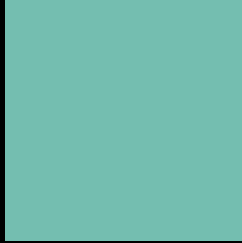
Large Text (above 18pt) WCAG AA × Fail

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 166.2780, 4.7929, -44.0938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

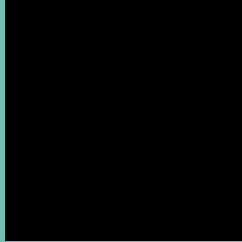
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2780, 4.7929, -44.0938

Background



This preview shows how black text looks on a background with the YUV color 166.2780, 4.7929, -44.0938.



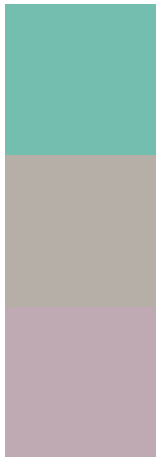
This preview shows how white text looks on a background with the YUV color 166.2780, 4.7929, -44.0938.

-44.0938.

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

166.2780, 4.7929, -44.0938

Protanopia

175.9960, -3.9420, 4.3885

Deuteranopia

177.4190, 1.2724, 11.9105



Tritanopia

168.5740, 15.9860, -40.8454

Trichromacy



Original Color

166.2780, 4.7929, -44.0938

Protanomaly

172.0970, -0.5408, -13.2401

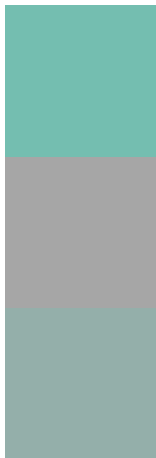
Deuteranomaly

173.3410, 2.7899, -8.1921

Tritanomaly

167.5370, 12.0603, -41.6899

Monochromacy



Original Color

166.2780, 4.7929, -44.0938

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3570, 1.7960, -16.0991

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2780, 4.7929, -44.0938 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(116, 190, 176)` looks like.

```
.text, #text, p{  
    color:rgb(116, 190, 176)  
}
```

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(116, 190, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 190, 176) }
```

Border

The CSS property to change the border of an element to YUV 166.2780, 4.7929, -44.0938 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(116, 190, 176) }
```


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

```
.border{ border-color:rgb(116, 190, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 190, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 190, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 190, 176);  
box-shadow:4px 4px 4px 4px rgb(116, 190,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 166.2780, 4.7929, -44.0938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 190, 176) }
```

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

```
.background{ background-color: rgb(116,  
190, 176) }
```

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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