

Converting Colors

YUV(148.2780, 25.0059,
-40.5858)

Have a look what the booklet for
YUV(148.2780, 25.0059, -40.5858)
contains.

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Color

**YUV(148.2780, 25.0059,
-40.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	66A2C7
RGB	102, 162, 199
RGB Percent	40%, 64%, 78%
CMY	0.6000, 0.3647, 0.2196
CMYK	0.49, 0.19, 0.00, 0.22
HSL	203°, 46%, 59%
HSV	203°, 49%, 78%
XYZ	28.7086, 32.7890, 58.8486
YIQ	148.2780, -47.6370, -1.2130

Conversions

Conversions Part 2

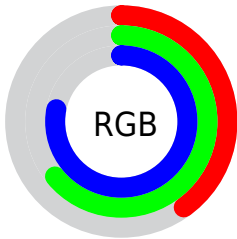
Format	Color
R _Y B	102, 139, 199
Decimal	6726343
CIE Lab	63.99, -9.31, -25.00
CIE LCh	64, 26.676, 249.580
Yxy	32.7890, 0.2386, 0.2725
Android (android.graphics.Color)	4284916423 (0xFF66A2C7)
YUV	148.2780, 25.0059, -40.5858
Hunter-Lab	57.2616, -10.7154, -20.8500

Details

The YUV color **148.2780, 25.0059, -40.5858** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **152.7220, -25.0059, 40.5858**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6910, 25.2953, -40.0710**, and **94.2560, 25.0168, -44.0745** is the 20% darker color. If you saturate the color by 10%, you get **137.6020, 30.2692, -48.7630**, and if you desaturate by 10%, it is **158.9540, 19.7427, -32.4087**.

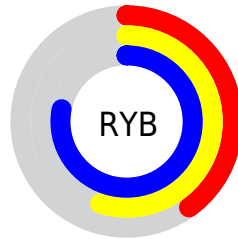
Distribution



Red (40%)

Green (64%)

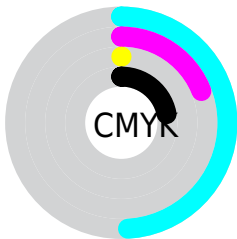
Blue (78%)



Red (40%)

Yellow (55%)

Blue (78%)

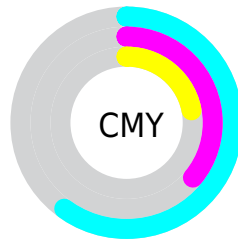


Cyan (49%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (60%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.2780, 25.0059, -40.5858 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 148.2780, 25.0059, -40.5858 by changing the saturation by 10% instead.

■ 148.2780, 25.0059,
-40.5858

■ 148.2780, 25.0059,
-40.5858

■ 255.0000, 0.0000,
0.0000

■ 121.5660, 24.8640,
-41.7154

■ 203.6910, 25.2953,
-40.0710

■ 94.2560, 25.0168,
-44.0745

■ 228.4990, 13.0650,
-37.2716

■ 64.0480, 27.0913,
-56.1701

■ 243.0400, 5.8963,
-24.5911

■ 47.6970, 22.8274,
-41.8303

■ 252.0100, 1.4741,
-6.1478

■ 32.1610, 19.1476,
-28.2052

■ 17.7990, 14.8891,
-15.6097

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 148.2780, 25.0059,
-40.5858

■ 148.2780, 25.0059,
-40.5858

■ 137.6020, 30.2692,
-48.7630

■ 158.9540, 19.7427,
-32.4087

■ 127.5130, 35.2431,
-57.4549

■ 169.0430, 14.7688,
-23.7167

■ 116.8370, 40.5064,
-65.6320

■ 179.7190, 9.5055,
-15.5396

■ 106.7480, 45.4802,
-74.3240

■ 189.8080, 4.5317,
-6.8476

■ 96.3710, 50.5961,
-81.8864

■ 200.4840, -0.7316,
1.3295

■ 94.8870, 51.3277,
-83.2159

■ 210.8610, -5.8475,
8.8919

■ 220.9500,
-10.8214, 17.5838

■ 229.8320,
-15.2002, 22.0723

■ 233.9410,
-17.2259, 18.4687

Harmonies

Analogous

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



143.6370, 20.3920, -54.0556



148.2780, 25.0059, -40.5858



154.6770, 23.3302, -16.3797

Triad

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



148.2780, 25.0059, -40.5858



157.6890, -4.7767, 38.8607



150.3950, -15.9707, -10.8704

Complementary

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



148.2780, 25.0059, -40.5858



152.7220, -25.0059, 40.5858

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.



152.9200, -22.1456, 9.7172



148.2780, 25.0059, -40.5858



156.9310, -15.2490, 37.7715

Square

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



148.2780, 25.0059, -40.5858



159.1960, 6.3124, 28.7691



155.1440, -21.7630, 27.0607



146.6510, -4.2649, -32.1429

Rectangle

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



148.2780, 25.0059, -40.5858



157.0490, 19.2028, 0.8340



155.1440, -21.7630, 27.0607



151.3420, -18.9026, -3.8079

Sweetspot

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



148.2780, 25.0059, -40.5858



234.8330, 9.9423, -15.6395



163.0430, -12.3462, -53.5347



115.8400, 5.9949, -9.5067



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.



148.2780, 25.0059, -40.5858



177.8760, 38.0221, -62.1583



120.6890, 38.6073, -16.3903



94.5480, 2.1948, -3.9886



77.8690, 41.9696, -68.2911



17.0180, 9.3581, -14.9248

Inverse Universe

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



137.8430, 11.9094, 53.6347



161.7400, 18.3692, 81.7890



180.3110, -38.6073, 16.3903



93.3750, 1.2941, 4.9331



60.2510, 20.0893, 90.1109



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 148.2780, 25.0059, -40.5858 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 148.2780, 25.0059, -40.5858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

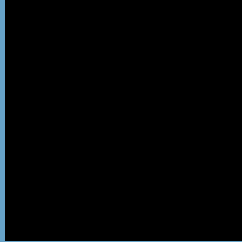
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.2780, 25.0059, -40.5858

Background



This preview shows how black text looks on a background with the YUV color 148.2780, 25.0059, -40.5858.

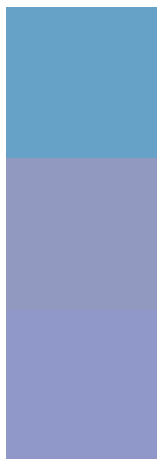


This preview shows how white text looks on a background with the YUV color 148.2780, 25.0059, -40.5858.

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

148.2780, 25.0059, -40.5858

Protanopia

155.0540, 18.2144, -8.8174

Deuteranopia

155.1940, 22.5824, -9.8171



Tritanopia

146.5520, 15.9969, -44.3341

Trichromacy



Original Color

148.2780, 25.0059, -40.5858

Protanomaly

152.3730, 21.0151, -20.4981

Deuteranomaly

152.9430, 23.1991, -20.9980

Tritanomaly

147.3610, 19.0490, -43.2896

Monochromacy



Original Color

148.2780, 25.0059, -40.5858

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.0180, 9.3581, -14.9248

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.2780, 25.0059, -40.5858 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(102, 162, 199)` looks like.

```
.text, #text, p{  
    color:rgb(102, 162, 199)  
}
```

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(102, 162, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 162, 199) }
```

Border

The CSS property to change the border of an element to YUV 148.2780, 25.0059, -40.5858 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(102, 162, 199) }
```


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

```
.border{ border-color:rgb(102, 162, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 162, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(102, 162,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 148.2780, 25.0059, -40.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 162, 199) }
```

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

```
.background{ background-color: rgb(102,  
162, 199) }
```

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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