

Converting Colors

YUV(175.8340, -1.8902,
-47.2124)

Have a look what the booklet for
YUV(175.8340, -1.8902, -47.2124)
contains.

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Color

**YUV(175.8340, -1.8902,
-47.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	7ACCAC
RGB	122, 204, 172
RGB Percent	48%, 80%, 67%
CMY	0.5216, 0.2000, 0.3255
CMYK	0.40, 0.00, 0.16, 0.20
HSL	157°, 45%, 64%
HSV	157°, 40%, 80%
XYZ	37.0653, 50.3019, 46.7854
YIQ	175.8340, -38.6000, -27.3360

Conversions

Conversions Part 2

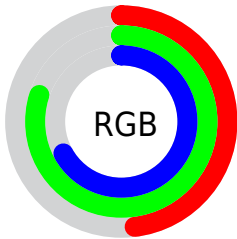
Format	Color
RYB	122, 173, 204
Decimal	8047788
CIELab	76.25, -32.35, 8.14
CIELCh	76, 33.358, 165.878
Yxy	50.3019, 0.2763, 0.3750
Android (android.graphics.Color)	4286237868 (0xFF7ACCAC)
YUV	175.8340, -1.8902, -47.2124
Hunter-Lab	70.9238, -30.8313, 10.5356

Details

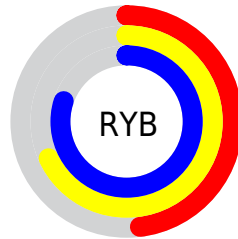
The YUV color **175.8340, -1.8902, -47.2124** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.1660, 1.8902, 47.2124**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7850, -0.8800, -44.5384**, and **121.4750, -0.7272, -46.8976** is the 20% darker color. If you saturate the color by 10%, you get **168.9420, -2.4364, -58.7081**, and if you desaturate by 10%, it is **182.7260, -1.3439, -35.7167**.

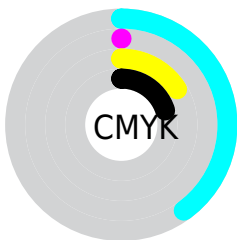
Distribution



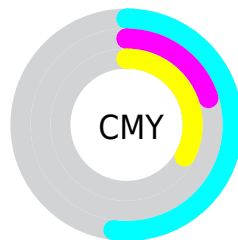
- Red (48%)
- Green (80%)
- Blue (67%)



- Red (48%)
- Yellow (68%)
- Blue (80%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (52%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.8340, -1.8902, -47.2124 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 175.8340, -1.8902, -47.2124 by changing the saturation by 10% instead.

 175.8340, -1.8902,
-47.2124

 175.8340, -1.8902,
-47.2124


255.0000, 0.0000,
0.0000


 148.2470, -1.6008,
-46.6976


 228.7850, -0.8800,
-44.5384


 121.4750, -0.7272,
-46.8976


 240.3490, 7.2229,
-30.1241


 94.6920, 0.1518,
-48.8419

 249.0200, 2.9481,
-12.2955

 65.6200, 2.6523,
-57.5487

 48.4370, 0.2776,
-42.4792

 32.5420, -2.2392,
-28.5393

 17.8380, -7.8081,

-15.6439

■ 0.0000, 0.0000,
0.0000

■ 175.8340, -1.8902,
-47.2124

■ 175.8340, -1.8902,
-47.2124

■ 168.9420, -2.4364,
-58.7081

■ 182.7260, -1.3439,
-35.7167

■ 161.7510, -2.8352,
-70.8186

■ 189.9170, -0.9451,
-23.6062

■ 154.8590, -3.3815,
-82.3143

■ 196.8090, -0.3988,
-12.1105

■ 147.6680, -3.7803,
-94.4248

■ 204.0000, 0.0000,
0.0000

■ 140.7760, -4.3266,
-105.9206

■ 210.8920, 0.5462,
11.4957

■ 133.8840, -4.8728,
-117.4163

■ 217.7840, 1.0925,
22.9914

■ 221.9850, 2.9654,
28.9542

■ 222.8970, 6.4598,
28.1543

■ 223.8090, 9.9542,
27.3545

Harmonies

Analogous

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



180.4710, -17.9802, -19.7071



175.8340, -1.8902, -47.2124



171.0990, 16.2202, -69.3698

Triad

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



175.8340, -1.8902, -47.2124



188.1810, 28.9978, -14.1907



189.5640, -21.9701, 46.8634

Complementary

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



175.8340, -1.8902, -47.2124



150.1660, 1.8902, 47.2124

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.



191.3270, -9.0352, 51.4562



175.8340, -1.8902, -47.2124



192.1590, 19.1486, 18.2776

Square

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



175.8340, -1.8902, -47.2124



180.2970, 32.8846, -47.6185



193.0450, 5.4008, 41.1795



187.6300, -28.9046, 31.0195

Rectangle

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



175.8340, -1.8902, -47.2124



171.1830, 25.5458, -73.8285



193.0450, 5.4008, 41.1795



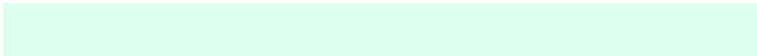
190.4980, -18.4865, 49.5523

Sweetspot

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



175.8340, -1.8902, -47.2124



244.3630, -0.6720, -17.8584



180.0010, -28.5945, -21.9259



121.8200, -0.4043, -10.3661



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.



175.8340, -1.8902, -47.2124



213.0500, -2.9827, -70.2039



174.7860, 14.4025, -46.2933



98.5540, -0.2731, -5.7479



108.9560, -3.9223, -95.5544



24.9280, -0.9505, -21.8619

Inverse Universe

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



150.1660, 1.8902, 47.2124



174.8360, 2.5459, 70.3038



151.2140, -14.4025, 46.2933



95.4460, 0.2731, 5.7479



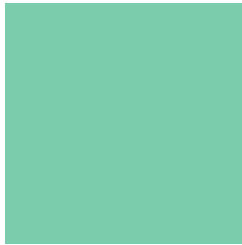
57.0440, 3.9223, 95.5544



13.0720, 0.9505, 21.8619

Previews

White Background



This preview shows how the YUV color 175.8340, -1.8902, -47.2124 looks on a white background.

Color Contrast Check

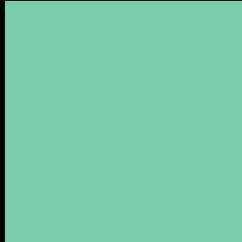
Large Text (above 18pt) WCAG AA × Fail

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 175.8340, -1.8902, -47.2124 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

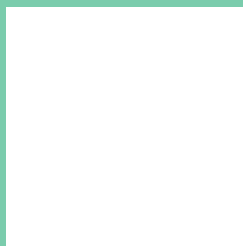
Any Text WCAG AAA ✓ Pass

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

YUV 175.8340, -1.8902, -47.2124 Background



This preview shows how black text looks on a background with the YUV color 175.8340, -1.8902, -47.2124.



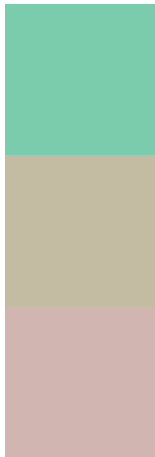
This preview shows how white text looks on a background with the YUV color 175.8340, -1.8902,

-47.2124.

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

175.8340, -1.8902, -47.2124

Protanopia

186.9550, -11.8098, 7.9325

Deuteranopia

188.9160, -5.8746, 17.6137



Tritanopia

180.0900, 16.7176, -42.1749

Trichromacy



Original Color

175.8340, -1.8902, -47.2124



Protanomaly

182.7460, -8.2558, -12.0552



Deuteranomaly

183.8160, -4.3463, -5.9776



Tritanomaly

178.3580, 10.1765, -44.1640

Monochromacy



Original Color

175.8340, -1.8902, -47.2124



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.7760, -0.3826, -17.3436

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8340, -1.8902, -47.2124 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(122, 204, 172)` looks like.

```
.text, #text, p{  
    color:rgb(122, 204, 172)  
}
```

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(122, 204, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 204, 172) }
```

Border

The CSS property to change the border of an element to YUV 175.8340, -1.8902, -47.2124 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(122, 204, 172) }
```


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

```
.border{ border-color:rgb(122, 204, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 204, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 204, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 204, 172);  
box-shadow:4px 4px 4px 4px rgb(122, 204,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 175.8340, -1.8902, -47.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 204, 172) }
```

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

```
.background{ background-color: rgb(122,  
204, 172) }
```

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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