

Converting Colors

YUV(189.8330, 3.0403,
-41.9495)

Have a look what the booklet for
YUV(189.8330, 3.0403, -41.9495)
contains.

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Color

**YUV(189.8330, 3.0403,
-41.9495)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED5C4
RGB	142, 213, 196
RGB Percent	56%, 84%, 77%
CMY	0.4431, 0.1647, 0.2314
CMYK	0.33, 0.00, 0.08, 0.16
HSL	166°, 46%, 70%
HSV	166°, 33%, 84%
XYZ	44.9134, 57.3248, 60.9222
YIQ	189.8330, -36.8590, -20.3390

Conversions

Conversions Part 2

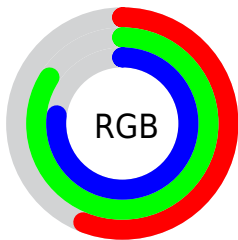
Format	Color
RYB	142, 182, 213
Decimal	9360836
CIELab	80.36, -25.91, 1.34
CIElCh	80, 25.940, 177.046
Yxy	57.3248, 0.2753, 0.3513
Android (android.graphics.Color)	4287550916 (0xFF8ED5C4)
YUV	189.8330, 3.0403, -41.9495
Hunter-Lab	75.7131, -26.6110, 5.2918

Details

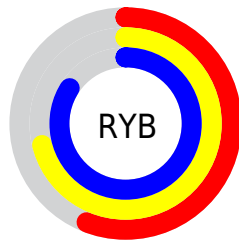
The YUV color **189.8330, 3.0403, -41.9495** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **165.1670, -3.0403, 41.9495**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.7290, 7.5286, -34.8423**, and **135.2460, 3.3297, -41.4347** is the 20% darker color. If you saturate the color by 10%, you get **182.9840, 3.9519, -54.3600**, and if you desaturate by 10%, it is **196.6820, 2.1288, -29.5391**.

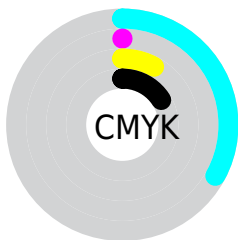
Distribution



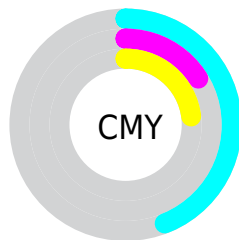
- Red (56%)
- Green (84%)
- Blue (77%)



- Red (56%)
- Yellow (71%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)




- Cyan (44%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8330, 3.0403, -41.9495 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 189.8330, 3.0403, -41.9495 by changing the saturation by 10% instead.

 189.8330, 3.0403,
-41.9495

 189.8330, 3.0403,
-41.9495

255.0000, 0.0000,
0.0000

 162.2460, 3.3297,
-41.4347


 237.7290, 7.5286,
-34.8423


 135.2460, 3.3297,
-41.4347

 246.3290, 4.2748,
-17.8285

 109.3600, 3.7665,
-41.5347

 82.8760, 4.4981,
-42.8643

 56.0000, 6.4090,
-49.1120

 39.4040, 3.7448,
-34.5573

 24.0960, 0.9387,

-21.1322

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 189.8330, 3.0403,
-41.9495

■ 189.8330, 3.0403,
-41.9495

■ 182.9840, 3.9519,
-54.3600

■ 196.6820, 2.1288,
-29.5391

■ 175.8360, 5.0109,
-67.3852

■ 203.8300, 1.0698,
-16.5139

■ 168.9870, 5.9224,
-79.7956

■ 210.6790, 0.1583,
-4.1035

■ 162.1380, 6.8340,
-92.2060

■ 217.5280, -0.7533,
8.3069

■ 155.2890, 7.7455,
-104.6165

■ 224.7900, -1.3755,
21.2322

■ 148.0270, 8.3677,
-117.5417

■ 227.1540, -0.0759,
24.4209

■ 143.4990, 9.1210,
-125.8486

■ 227.7240, 2.1081,
23.9211

■ 228.2940, 4.2921,
23.4212

■ 228.8640, 6.4760,
22.9213

Harmonies

Analogous

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



192.5120, -10.1124, -23.2510



189.8330, 3.0403, -41.9495



188.9810, 15.2924, -51.7263

Triad

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



189.8330, 3.0403, -41.9495



201.2660, 20.0819, -1.1103



200.6440, -20.0375, 33.6382

Complementary

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



189.8330, 3.0403, -41.9495



165.1670, -3.0403, 41.9495

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.



202.1640, -11.9129, 41.0752



189.8330, 3.0403, -41.9495



203.1180, 11.2808, 21.8215

Square

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



189.8330, 3.0403, -41.9495



196.6650, 24.8152, -26.0162



203.2310, -0.1139, 36.6314



198.6330, -23.4831, 18.7389

Rectangle

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



189.8330, 3.0403, -41.9495



190.0120, 21.6861, -49.1225



203.2310, -0.1139, 36.6314



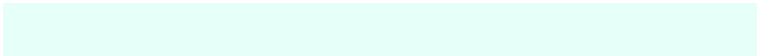
201.5350, -18.0118, 37.2418

Sweetspot

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



189.8330, 3.0403, -41.9495



246.8410, 1.0644, -14.7696



189.0590, -23.2001, -25.4847



122.7600, 0.6113, -9.4365



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.



189.8330, 3.0403, -41.9495



221.7660, 4.5524, -60.3078



181.2050, 15.6749, -34.3828



103.4830, 0.7479, -6.5626



115.1970, 7.2979, -101.0278



29.0030, 1.9705, -25.4356

Inverse Universe

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



165.1670, -3.0403, 41.9495



186.2340, -4.5524, 60.3078



173.7950, -15.6749, 34.3828



99.6310, -0.3111, 6.4626



55.8030, -7.2979, 101.0278



13.9970, -1.9705, 25.4356

Previews

White Background



This preview shows how the YUV color 189.8330, 3.0403, -41.9495 looks on a white background.

Color Contrast Check

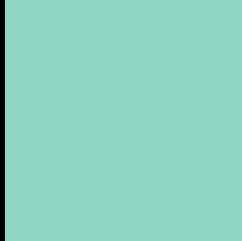
Large Text (above 18pt) WCAG AA × Fail

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 189.8330, 3.0403, -41.9495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

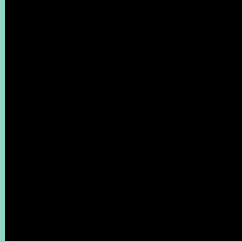
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.8330, 3.0403, -41.9495

Background



This preview shows how black text looks on a background with the YUV color 189.8330, 3.0403, -41.9495.



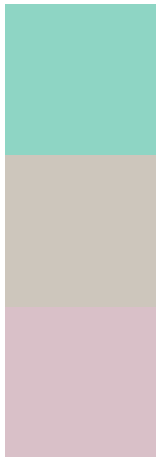
This preview shows how white text looks on a background with the YUV color 189.8330, 3.0403,

-41.9495.

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

189.8330, 3.0403, -41.9495

Protanopia

198.9530, -5.3998, 5.3032

Deuteranopia

200.3870, -0.1908, 14.5696



Tritanopia

192.8840, 15.8332, -38.4863

Trichromacy



Original Color

189.8330, 3.0403, -41.9495

Protanomaly

195.3530, -2.1460, -11.7106

Deuteranomaly

196.8960, 1.0373, -6.0478

Tritanomaly

191.3200, 11.1812, -39.7456

Monochromacy



Original Color

189.8330, 3.0403, -41.9495

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8410, 1.0644, -14.7696

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8330, 3.0403, -41.9495 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(142, 213, 196)` looks like.

```
.text, #text, p{  
    color:rgb(142, 213, 196)  
}
```

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(142, 213, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 213, 196) }
```

Border

The CSS property to change the border of an element to YUV 189.8330, 3.0403, -41.9495 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(142, 213, 196) }
```


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

```
.border{ border-color:rgb(142, 213, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 213, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 213, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 213, 196);  
box-shadow:4px 4px 4px 4px rgb(142, 213,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 189.8330, 3.0403, -41.9495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 213, 196) }
```

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

```
.background{ background-color: rgb(142,  
213, 196) }
```

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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