

Converting Colors

YUV(140.4200, -0.7001,
-55.6193)

Have a look what the booklet for
YUV(140.4200, -0.7001, -55.6193)
contains.

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Color

**YUV(140.4200, -0.7001,
-55.6193)**

Conversions

Conversions Part 1

Format	Color
Hex	4DAD8B
RGB	77, 173, 139
RGB Percent	30%, 68%, 55%
CMY	0.6980, 0.3216, 0.4549
CMYK	0.55, 0.00, 0.20, 0.32
HSL	159°, 38%, 49%
HSV	159°, 55%, 68%
XYZ	22.6643, 33.3290, 29.6647
YIQ	140.4200, -46.3020, -30.9260

Conversions

Conversions Part 2

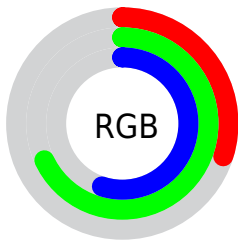
Format	Color
RYB	77, 135, 173
Decimal	5090699
CIELab	64.43, -36.61, 9.01
CIELCh	64, 37.704, 166.173
Yxy	33.3290, 0.2646, 0.3891
Android (android.graphics.Color)	4283280779 (0xFF4DAD8B)
YUV	140.4200, -0.7001, -55.6193
Hunter-Lab	57.7313, -30.9536, 9.9463

Details

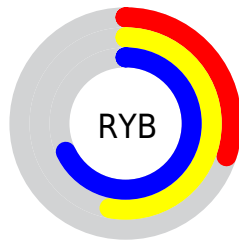
The YUV color **140.4200, -0.7001, -55.6193** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **109.5800, 0.7001, 55.6193**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0780, -2.0105, -55.3194**, and **81.1840, 3.8533, -69.4444** is the 20% darker color. If you saturate the color by 10%, you get **134.6530, -0.8149, -65.4707**, and if you desaturate by 10%, it is **146.1870, -0.5852, -45.7680**.

Distribution



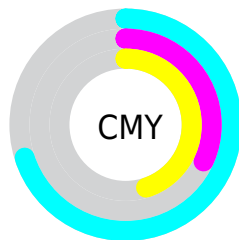
- Red (30%)
- Green (68%)
- Blue (55%)



- Red (30%)
- Yellow (53%)
- Blue (68%)



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)
- Black (32%)



- Cyan (70%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.4200, -0.7001, -55.6193 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 140.4200, -0.7001, -55.6193 by changing the saturation by 10% instead.

 140.4200, -0.7001,
-55.6193


 140.4200, -0.7001,
-55.6193


255.0000, 0.0000,
0.0000


 112.7510, 0.6158,
-57.6636


 196.0780, -2.0105,
-55.3194


 81.1840, 3.8533,
-69.4444


 223.2030, -1.5791,
-53.6750


 63.2890, 1.3365,
-55.5045


 234.8810, 6.9607,
-39.3606

 45.9920, -1.4751,
-40.3350

 244.2360, 5.3067,
-22.1320

 30.2110, -3.5550,
-26.4950

 253.2060, 0.8844,
-3.6887

 14.0880, -6.9454,
-12.3552

 0.0000, 0.0000,

0.0000

■ 140.4200, -0.7001,
-55.6193

■ 140.4200, -0.7001,
-55.6193

■ 134.6530, -0.8149,
-65.4707

■ 146.1870, -0.5852,
-45.7680

■ 128.5870, -0.7824,
-75.9368

■ 152.2530, -0.6177,
-35.3019

■ 122.8200, -0.8973,
-85.7881

■ 158.0200, -0.5029,
-25.4505

■ 116.9390, -1.4489,
-95.5395

■ 163.9010, 0.0488,
-15.6992

■ 114.3190, -1.1433,
-100.2578

■ 169.6680, 0.1637,
-5.8478

■ 175.7340, 0.1311,
4.6183

■ 181.5010, 0.2460,
14.4696

■ 187.2680, 0.3609,
24.3210

■ 193.3340, 0.3283,
34.7871

Harmonies

Analogous

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



147.4060, -19.4272, -22.2811



140.4200, -0.7001, -55.6193



121.9740, 25.6488, -106.9712

Triad

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



140.4200, -0.7001, -55.6193



155.6690, 32.2082, -17.2497



156.8310, -23.5807, 50.1372

Complementary

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



140.4200, -0.7001, -55.6193



109.5800, 0.7001, 55.6193

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.



158.5340, -9.6303, 55.6597



140.4200, -0.7001, -55.6193



160.6260, 20.8904, 19.6220

Square

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



140.4200, -0.7001, -55.6193



143.8870, 38.0167, -60.4139



160.0070, 6.4055, 45.5979



155.2450, -31.6728, 32.2341

Rectangle

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



140.4200, -0.7001, -55.6193



123.7810, 35.1110, -108.5559



160.0070, 6.4055, 45.5979



157.2920, -19.3710, 53.2409

Sweetspot

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



140.4200, -0.7001, -55.6193



211.1560, -0.0769, -22.0618



143.8170, -32.9408, -27.9035



104.5100, -0.2514, -12.7253



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



140.4200, -0.7001, -55.6193



173.1080, -1.0392, -86.9177



136.6650, 17.9132, -52.3262



83.9670, 0.0163, -5.2331



99.1080, -1.0392, -86.9177



15.2110, -0.1040, -13.3400

Inverse Universe

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



109.5800, 0.7001, 55.6193



124.8920, 1.0392, 86.9177



113.3350, -17.9132, 52.3262



81.0330, -0.0163, 5.2331



50.8920, 1.0392, 86.9177



7.7890, 0.1040, 13.3400

Previews

White Background



This preview shows how the YUV color 140.4200, -0.7001, -55.6193 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 140.4200, -0.7001, -55.6193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

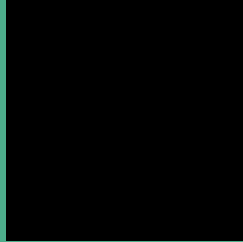
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 140.4200, -0.7001, -55.6193

Background



This preview shows how black text looks on a background with the YUV color 140.4200, -0.7001, -55.6193.



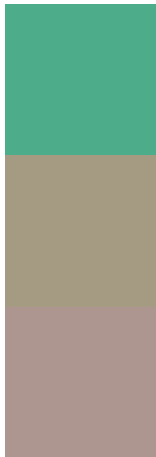
This preview shows how white text looks on a background with the YUV color 140.4200, -0.7001, -55.6193.

-55.6193.

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

140.4200, -0.7001, -55.6193

Protanopia

154.8410, -12.2466, 8.0324

Deuteranopia

156.4920, -6.1586, 15.3545



Tritanopia

145.5730, 17.4655, -48.7375

Trichromacy



Original Color

140.4200, -0.7001, -55.6193

Protanomaly

149.7240, -8.2449, -15.5439

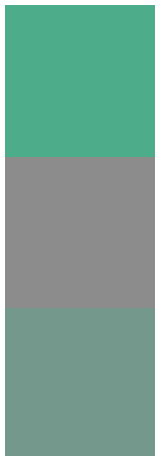
Deuteranomaly

150.4950, -4.1880, -10.0811

Tritanomaly

143.5420, 11.0718, -51.3413

Monochromacy



Original Color

140.4200, -0.7001, -55.6193

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1670, -0.0823, -20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4200, -0.7001, -55.6193 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(77, 173, 139)` looks like.

```
.text, #text, p{  
    color:rgb(77, 173, 139)  
}
```

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(77, 173, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 173, 139) }
```

Border

The CSS property to change the border of an element to YUV 140.4200, -0.7001, -55.6193 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(77, 173, 139) }
```


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

```
.border{ border-color:rgb(77, 173, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 173, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 173, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 173, 139);  
box-shadow:4px 4px 4px 4px rgb(77, 173,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 140.4200, -0.7001, -55.6193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 173, 139) }
```

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

```
.background{ background-color: rgb(77, 173,  
139) }
```

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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