

Converting Colors

YUV(196.2300, 1.3656, 28.7393)

Have a look what the booklet for
YUV(196.2300, 1.3656, 28.7393)
contains.

YUV(196.2300, 1.3656, 28.7393)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(196.2300, 1.3656,
28.7393)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3C7
RGB	229, 179, 199
RGB Percent	90%, 70%, 78%
CMY	0.1020, 0.2980, 0.2196
CMYK	0.00, 0.22, 0.13, 0.10
HSL	336°, 49%, 80%
HSV	336°, 22%, 90%
XYZ	58.7420, 53.0217, 61.1710
YIQ	196.2300, 23.3800, 16.8200

Conversions

Conversions Part 2

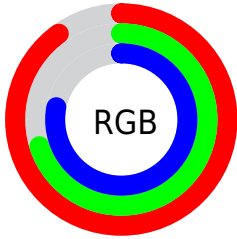
Format	Color
R _Y B	229, 179, 199
Decimal	15053767
CIE Lab	77.89, 21.21, -3.15
CIE LCh	78, 21.443, 351.545
Yxy	53.0217, 0.3397, 0.3066
Android (android.graphics.Color)	4293243847 (0xFFE5B3C7)
YUV	196.2300, 1.3656, 28.7393
Hunter-Lab	72.8160, 16.5711, 1.1631

Details

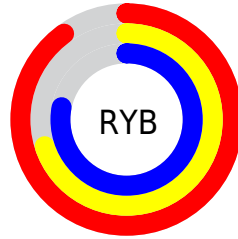
The YUV color **196.2300, 1.3656, 28.7393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **211.7700, -1.3656, -28.7393**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **142.2190, 1.3710, 26.9949** is the 20% darker color. If you saturate the color by 10%, you get **181.1330, 1.9064, 41.9794**, and if you desaturate by 10%, it is **211.3270, 0.8248, 15.4992**.

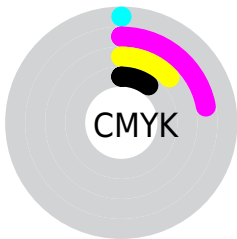
Distribution



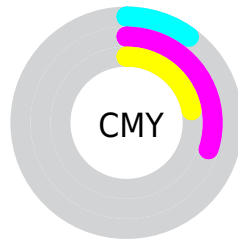
- Red (90%)
- Green (70%)
- Blue (78%)



- Red (90%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (13%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.2300, 1.3656, 28.7393 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 196.2300, 1.3656, 28.7393 by changing the saturation by 10% instead.


 196.2300, 1.3656,
28.7393


 196.2300, 1.3656,
28.7393


255.0000, 0.0000,
0.0000


 168.9310, 1.5130,
28.1245


 243.2600, 5.7878,
10.2960

 142.2190, 1.3710,
26.9949

 116.6210, 1.6658,
25.7654

 91.3220, 1.8133,
25.1506

 67.3110, 1.8187,
23.4063

 44.7130, 2.1135,
22.1767

 22.2290, 2.8451,

20.8472

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 196.2300, 1.3656,
28.7393

■ 196.2300, 1.3656,
28.7393

■ 181.1330, 1.9064,
41.9794

■ 211.3270, 0.8248,
15.4992

■ 166.1500, 2.8840,
55.1194

■ 226.3100, -0.1528,
2.3591

■ 151.0530, 3.4249,
68.3595

■ 241.4070, -0.6937,
-10.8809

■ 135.9560, 3.9657,
81.5996

■ 247.1120, 3.3958,
-15.8842

■ 120.8590, 4.5065,
94.8397

■ 247.2260, 3.8326,
-15.9842

■ 106.4630, 5.1947,
107.4649

■ 91.3660, 5.7356,
120.7050

■ 78.9590, 6.4292,
131.5860

Harmonies

Analogous

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



195.8460, 10.4289, 15.0441



196.2300, 1.3656, 28.7393



195.4450, -8.1074, 33.8127

Triad

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



196.2300, 1.3656, 28.7393



190.4290, -17.4665, 2.2548



186.1660, 18.1592, -37.8566

Complementary

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



196.2300, 1.3656, 28.7393



211.7700, -1.3656, -28.7393

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.



184.7930, 10.4551, -40.1605



196.2300, 1.3656, 28.7393



187.8550, -10.2815, -15.6588

Square

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



196.2300, 1.3656, 28.7393



192.1860, -18.8257, 18.2539



185.8020, 0.0976, -31.3984



189.8240, 20.2998, -24.4016

Rectangle

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



196.2300, 1.3656, 28.7393



194.3540, -13.4855, 32.1385



185.8020, 0.0976, -31.3984



185.2860, 16.1280, -39.7158

Sweetspot

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



196.2300, 1.3656, 28.7393



243.1800, 0.4043, 10.3661



193.6700, 17.4177, 13.4444



120.7450, 0.1257, 6.3626



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.



196.2300, 1.3656, 28.7393



211.6980, 1.6279, 37.9759



196.8850, -8.8173, 28.1649



107.1580, 0.4151, 6.8774



61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Inverse Universe

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



196.2300, 1.3656, 28.7393



211.6980, 1.6279, 37.9759



211.1150, 8.8173, -28.1649



107.1580, 0.4151, 6.8774



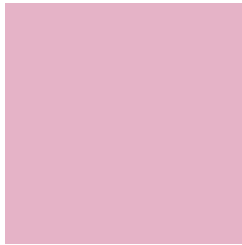
61.6150, 4.6268, 102.9466



17.5290, 1.2182, 29.3541

Previews

White Background



This preview shows how the YUV color 196.2300, 1.3656, 28.7393 looks on a white background.

Color Contrast Check

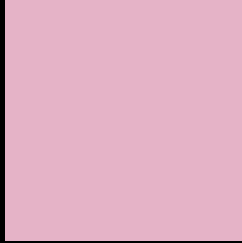
Large Text (above 18pt) WCAG AA × Fail

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 196.2300, 1.3656, 28.7393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

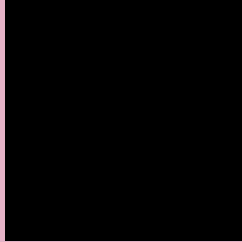
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.2300, 1.3656, 28.7393

Background



This preview shows how black text looks on a background with the YUV color 196.2300, 1.3656, 28.7393.



This preview shows how white text looks on a background with the YUV color 196.2300, 1.3656,

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

196.2300, 1.3656, 28.7393

Protanopia

193.7100, 6.5520, -1.4997

Deuteranopia

194.8320, 1.5618, 12.4253



Tritanopia

195.9480, -0.9604, 28.1096

Trichromacy



Original Color

196.2300, 1.3656, 28.7393

Protanomaly

194.3200, 4.7722, 9.3664

Deuteranomaly

195.1640, 1.3981, 18.2732

Tritanomaly

196.1760, -0.0868, 27.9096

Monochromacy



Original Color

196.2300, 1.3656, 28.7393

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.1800, 0.4043, 10.3661

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2300, 1.3656, 28.7393 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(229, 179, 199)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 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(229, 179, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 199) }
```

Border

The CSS property to change the border of an element to YUV 196.2300, 1.3656, 28.7393 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(229, 179, 199) }
```


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

```
.border{ border-color:rgb(229, 179, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 199);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 196.2300, 1.3656, 28.7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 199) }
```

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

```
.background{ background-color: rgb(229,  
179, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor