

Converting Colors

YUV(196.5020, 2.2175, 35.5167)

Have a look what the booklet for
YUV(196.5020, 2.2175, 35.5167)
contains.

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Color

**YUV(196.5020, 2.2175,
35.5167)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAFC9
RGB	237, 175, 201
RGB Percent	93%, 69%, 79%
CMY	0.0706, 0.3137, 0.2118
CMYK	0.00, 0.26, 0.15, 0.07
HSL	335°, 63%, 81%
HSV	335°, 26%, 93%
XYZ	60.7976, 52.8815, 62.2611
YIQ	196.5020, 28.6060, 21.2300

Conversions

Conversions Part 2

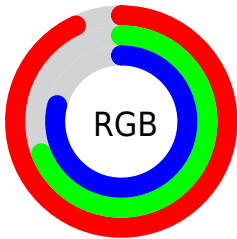
Format	Color
RYB	237, 175, 201
Decimal	15577033
CIELab	77.80, 26.48, -4.27
CIELCh	78, 26.821, 350.839
Yxy	52.8815, 0.3456, 0.3006
Android (android.graphics.Color)	4293767113 (0xFFEDAFC9)
YUV	196.5020, 2.2175, 35.5167
Hunter-Lab	72.7197, 21.9764, 0.1409

Details

The YUV color **196.5020, 2.2175, 35.5167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **215.4980, -2.2175, -35.5167**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **142.1920, 2.3703, 33.1576** is the 20% darker color. If you saturate the color by 10%, you get **180.8180, 3.0477, 49.2716**, and if you desaturate by 10%, it is **212.1860, 1.3873, 21.7619**.

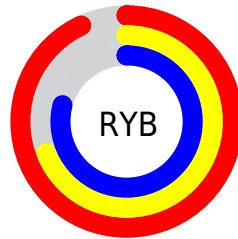
Distribution



Red (93%)

Green (69%)

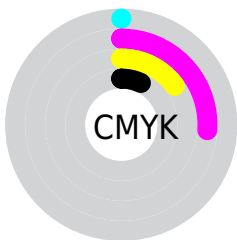
Blue (79%)



Red (93%)

Yellow (69%)

Blue (79%)

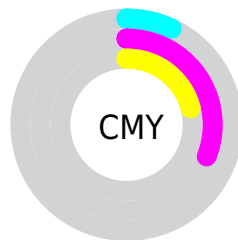


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (7%)



Cyan (7%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5020, 2.2175, 35.5167 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 196.5020, 2.2175, 35.5167 by changing the saturation by 10% instead.


 196.5020, 2.2175,
35.5167

 196.5020, 2.2175,
35.5167


255.0000, 0.0000,
0.0000


 168.9040, 2.5123,
34.2872

 240.9120, 6.9454,
12.3552

 142.1920, 2.3703,
33.1576

 116.4800, 2.2284,
32.0280

 90.9960, 2.9600,
30.6985

 66.9850, 2.9654,
28.9542

 43.3870, 3.2602,
27.7246

 20.3160, 4.2812,

26.9099

■ 9.1980, -3.5486,
18.2434

■ 0.0000, 0.0000,
0.0000

■ 196.5020, 2.2175,
35.5167

■ 196.5020, 2.2175,
35.5167

■ 180.8180, 3.0477,
49.2716

■ 212.1860, 1.3873,
21.7619

■ 165.7210, 3.5885,
62.5117

■ 227.2830, 0.8465,
8.5218

■ 150.1510, 4.8556,
76.1666

■ 242.8530, -0.4205,
-5.1331

■ 134.4670, 5.6858,
89.9214

■ 249.6180, 2.6533,
-11.0660

■ 118.7830, 6.5160,
103.6763

■ 103.6860, 7.0568,
116.9164

■ 88.1160, 8.3238,
130.5713

■ 82.1490, 8.3075,
135.8043

Harmonies

Analogous

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



196.0790, 13.7651, 18.3477



196.5020, 2.2175, 35.5167



195.4460, -9.5869, 41.7049

Triad

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



196.5020, 2.2175, 35.5167



189.1040, -21.2503, 2.5398



183.0550, 23.1439, -50.0372

Complementary

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



196.5020, 2.2175, 35.5167



215.4980, -2.2175, -35.5167

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.



180.9270, 13.8400, -52.5560



196.5020, 2.2175, 35.5167



185.8500, -12.7441, -19.1625

Square

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



196.5020, 2.2175, 35.5167



191.9540, -23.6413, 22.8423



182.8610, 0.5615, -40.2201



188.5610, 25.8524, -32.0640

Rectangle

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



196.5020, 2.2175, 35.5167



194.6000, -16.5648, 39.8158



182.8610, 0.5615, -40.2201



182.0500, 20.6813, -53.5409

Sweetspot

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



196.5020, 2.2175, 35.5167



241.8920, 0.5462, 11.4957



192.5330, 21.9222, 15.3186



119.4570, 0.2677, 7.4922



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.



196.5020, 2.2175, 35.5167



203.3830, 2.7692, 45.2681



195.8860, -10.2968, 36.0570



109.7450, 0.1257, 6.3626



62.7830, 6.5160, 103.6763



18.6540, 1.6496, 30.9984

Inverse Universe

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



196.5020, 2.2175, 35.5167



203.3830, 2.7692, 45.2681



216.1140, 10.2968, -36.0570



109.7450, 0.1257, 6.3626



62.7830, 6.5160, 103.6763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 196.5020, 2.2175, 35.5167 looks on a white background.

Color Contrast Check

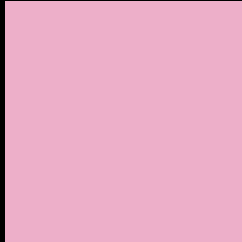
Large Text (above 18pt) WCAG AA × Fail

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 196.5020, 2.2175, 35.5167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

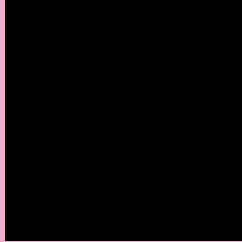
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.5020, 2.2175, 35.5167

Background



This preview shows how black text looks on a background with the YUV color 196.5020, 2.2175, 35.5167.



This preview shows how white text looks on a background with the YUV color 196.5020, 2.2175,

35.5167.

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

196.5020, 2.2175, 35.5167

Protanopia

193.2800, 8.7360, -1.9996

Deuteranopia

194.6470, 2.1460, 11.7106



Tritanopia

196.1230, -3.0186, 34.9721

Trichromacy



Original Color

196.5020, 2.2175, 35.5167

Protanomaly

194.3850, 6.2192, 11.9404

Deuteranomaly

195.7020, 2.1189, 20.4323

Tritanomaly

195.9920, -0.9821, 35.0870

Monochromacy



Original Color

196.5020, 2.2175, 35.5167

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.9030, 0.5408, 13.2401

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5020, 2.2175, 35.5167 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(237, 175, 201)` looks like.

```
.text, #text, p{  
    color:rgb(237, 175, 201)  
}
```

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(237, 175, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 175, 201) }
```

Border

The CSS property to change the border of an element to YUV 196.5020, 2.2175, 35.5167 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(237, 175, 201) }
```


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

```
.border{ border-color:rgb(237, 175, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 175, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 175, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 175, 201);  
box-shadow:4px 4px 4px 4px rgb(237, 175,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 196.5020, 2.2175, 35.5167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 175, 201) }
```

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

```
.background{ background-color: rgb(237,  
175, 201) }
```

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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