

Converting Colors

YUV(196.2310, -0.1139,
36.6314)

Have a look what the booklet for
YUV(196.2310, -0.1139, 36.6314)
contains.

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Color

**YUV(196.2310, -0.1139,
36.6314)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAFC4
RGB	238, 175, 196
RGB Percent	93%, 69%, 77%
CMY	0.0667, 0.3137, 0.2314
CMYK	0.00, 0.26, 0.18, 0.07
HSL	340°, 65%, 81%
HSV	340°, 26%, 93%
XYZ	60.5537, 52.8226, 59.2288
YIQ	196.2310, 30.8070, 19.8870

Conversions

Conversions Part 2

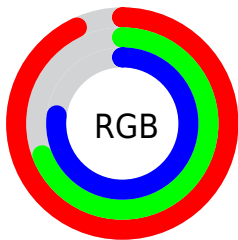
Format	Color
R _Y B	238, 175, 196
Decimal	15642564
CIE Lab	77.77, 26.05, -1.59
CIE LCh	78, 26.100, 356.507
Yxy	52.8226, 0.3508, 0.3060
Android (android.graphics.Color)	4293832644 (0xFFEEAFC4)
YUV	196.2310, -0.1139, 36.6314
Hunter-Lab	72.6792, 21.5313, 2.5579

Details

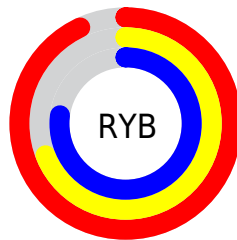
The YUV color $196.2310, -0.1139, 36.6314$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $216.7690, 0.1139, -36.6314$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.6840, 6.0718, 12.5551$, and $141.9210, 0.0389, 34.2723$ is the 20% darker color. If you saturate the color by 10%, you get $180.3190, -0.1573, 50.5862$, and if you desaturate by 10%, it is $212.1430, -0.0705, 22.6766$.

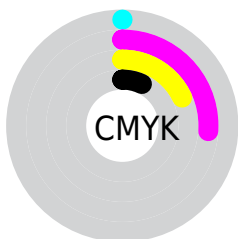
Distribution



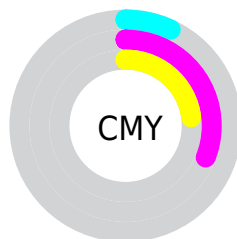
- Red (93%)
- Green (69%)
- Blue (77%)



- Red (93%)
- Yellow (69%)
- Blue (77%)



- Cyan (0%)
- Magenta (26%)
- Yellow (18%)
- Black (7%)





- Cyan (7%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2310, -0.1139, 36.6314 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 196.2310, -0.1139, 36.6314 by changing the saturation by 10% instead.


 196.2310, -0.1139,
36.6314

 196.2310, -0.1139,
36.6314

255.0000, 0.0000,
0.0000

 168.6330, 0.1809,
35.4019

 240.6840, 6.0718,
12.5551

 141.9210, 0.0389,
34.2723

 116.3230, 0.3338,
33.0427

 90.7250, 0.6286,
31.8132

 66.8280, 1.0708,
29.9688

 43.3440, 1.8024,
28.6393

 20.2730, 2.8234,

27.8246

■ 9.0840, -3.9854,
18.3433

■ 0.0000, 0.0000,
0.0000

■ 196.2310, -0.1139,
36.6314

■ 196.2310, -0.1139,
36.6314

■ 180.3190, -0.1573,
50.5862

■ 212.1430, -0.0705,
22.6766

■ 164.4070, -0.2007,
64.5411

■ 228.0550, -0.0271,
8.7218

■ 149.0820, -0.5334,
77.9811

■ 243.3800, 0.3057,
-4.7183

■ 133.2840, -0.1400,
91.8359

■ 249.9170, 2.5059,
-10.4512

■ 117.3720, -0.1834,
105.7908

■ 101.4600, -0.2268,
119.7456

■ 85.5480, -0.2702,
133.7004

■ 80.1680, -0.5758,
138.4187

Harmonies

Analogous

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



196.1180, 11.2808, 21.8215



196.2310, -0.1139, 36.6314



195.2780, -11.4761, 40.9752

Triad

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



196.2310, -0.1139, 36.6314



188.5380, -19.4922, -1.3488



184.1910, 23.5698, -46.6485

Complementary

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



196.2310, -0.1139, 36.6314



216.7690, 0.1139, -36.6314

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.



181.0950, 15.7292, -51.8263



196.2310, -0.1139, 36.6314



185.8110, -10.2598, -22.6362

Square

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



196.2310, -0.1139, 36.6314



191.6330, -23.4831, 18.7389



182.7190, 2.6035, -41.8496



189.3660, 24.9626, -26.6310

Rectangle

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



196.2310, -0.1139, 36.6314



193.9480, -17.7224, 37.7566



182.7190, 2.6035, -41.8496



182.5990, 21.3967, -49.6373

Sweetspot

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



196.2310, -0.1139, 36.6314



241.6640, -0.3274, 11.6957



194.7400, 21.3272, 19.5220



119.3430, -0.1691, 7.5922



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.



196.2310, -0.1139, 36.6314



200.7100, 0.1430, 47.6123



200.2940, -12.4699, 33.0682



112.0440, -0.0217, 6.9774



61.9700, -0.4782, 107.0203



18.9100, 0.0444, 32.5279

Inverse Universe

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



196.2310, -0.1139, 36.6314



200.7100, 0.1430, 47.6123



212.7060, 12.4699, -33.0682



112.0440, -0.0217, 6.9774



61.9700, -0.4782, 107.0203



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 196.2310, -0.1139, 36.6314 looks on a white background.

Color Contrast Check

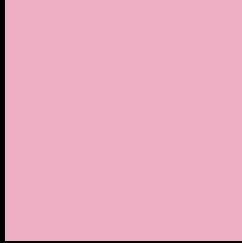
Large Text (above 18pt) WCAG AA × Fail

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 196.2310, -0.1139, 36.6314 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 196.2310, -0.1139, 36.6314

Background



This preview shows how black text looks on a background with the YUV color 196.2310, -0.1139, 36.6314.



This preview shows how white text looks on a background with the YUV color 196.2310, -0.1139,

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

196.2310, -0.1139, 36.6314

Protanopia

193.0090, 6.4046, -0.8849

Deuteranopia

194.0880, -0.0434, 13.9548



Tritanopia

195.8350, -2.8767, 36.1017

Trichromacy



Original Color

196.2310, -0.1139, 36.6314

Protanomaly

194.1140, 3.8878, 13.0550

Deuteranomaly

194.8440, 0.0769, 22.0618

Tritanomaly

196.0630, -2.0031, 35.9017

Monochromacy



Original Color

196.2310, -0.1139, 36.6314

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.7890, 0.1040, 13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2310, -0.1139, 36.6314 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(238, 175, 196)` looks like.

```
.text, #text, p{  
    color:rgb(238, 175, 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(238, 175, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 175, 196) }
```

Border

The CSS property to change the border of an element to YUV 196.2310, -0.1139, 36.6314 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(238, 175, 196) }
```


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

```
.border{ border-color:rgb(238, 175, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 175, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 175, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 175, 196);  
box-shadow:4px 4px 4px 4px rgb(238, 175,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 196.2310, -0.1139, 36.6314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 175, 196) }
```

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

```
.background{ background-color: rgb(238,  
175, 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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