

Converting Colors

YUV(196.7160, 14.4370,
36.2061)

Have a look what the booklet for
YUV(196.7160, 14.4370, 36.2061)
contains.

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Color

**YUV(196.7160, 14.4370,
36.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAAE2
RGB	238, 170, 226
RGB Percent	93%, 67%, 89%
CMY	0.0667, 0.3333, 0.1137
CMYK	0.00, 0.29, 0.05, 0.07
HSL	311°, 67%, 80%
HSV	311°, 29%, 93%
XYZ	63.3621, 52.4176, 78.7296
YIQ	196.7160, 22.5520, 31.8320

Conversions

Conversions Part 2

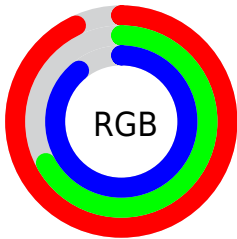
Format	Color
R _Y B	238, 170, 226
Decimal	15641314
CIE Lab	77.53, 33.64, -18.25
CIE LCh	78, 38.271, 331.516
Yxy	52.4176, 0.3258, 0.2695
Android (android.graphics.Color)	4293831394 (0xFFEEAAE2)
YUV	196.7160, 14.4370, 36.2061
Hunter-Lab	72.4000, 29.5174, -13.7934

Details

The YUV color $196.7160, 14.4370, 36.2061$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $211.2840, -14.4370, -36.2061$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $237.9770, 8.3923, 14.9292$, and $142.2920, 14.1530, 33.9469$ is the 20% darker color. If you saturate the color by 10%, you get $182.1720, 19.6352, 48.9612$, and if you desaturate by 10%, it is $211.2600, 9.2388, 23.4510$.

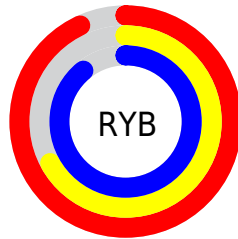
Distribution



Red (93%)

Green (67%)

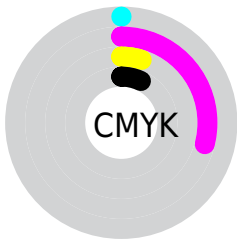
Blue (89%)



Red (93%)

Yellow (67%)

Blue (89%)

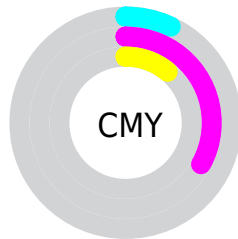


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7160, 14.4370, 36.2061 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 196.7160, 14.4370, 36.2061 by changing the saturation by 10% instead.


 196.7160, 14.4370,
36.2061


 196.7160, 14.4370,
36.2061

255.0000, 0.0000,
0.0000


 169.0040, 14.2950,
35.0765


 237.9770, 8.3923,
14.9292

 142.2920, 14.1530,
33.9469

 115.8790, 13.8637,
33.4321

 90.7540, 13.4323,
31.7877

 66.0420, 13.2903,
30.6582

 41.2700, 14.1639,
30.4582

 20.9060, 12.8643,

27.2694

■ 12.0480, 7.3713,
15.7439

■ 0.0000, 0.0000,
0.0000

■ 196.7160, 14.4370,
36.2061

■ 196.7160, 14.4370,
36.2061

■ 182.1720, 19.6352,
48.9612

■ 211.2600, 9.2388,
23.4510

■ 167.6280, 24.8334,
61.7162

■ 225.8040, 4.0406,
10.6959

■ 153.5570, 29.3054,
74.0565

■ 239.8750, -0.4314,
-1.6444

■ 139.0130, 34.5036,
86.8116

■ 248.5490, -2.7357,
-9.2515

■ 124.4690, 39.7018,
99.5667

■ 249.0050, -0.9885,
-9.6514

■ 109.9250, 44.9000,
112.3218

■ 249.4610, 0.7587,
-10.0513

■ 95.3810, 50.0982,
125.0769

■ 249.9170, 2.5059,
-10.4512

■ 93.5060, 50.5295,
126.7212

Harmonies

Analogous

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



194.7640, 28.2173, 2.8380



196.7160, 14.4370, 36.2061



194.2870, -1.6205, 53.2453

Triad

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



196.7160, 14.4370, 36.2061



189.1960, -34.1136, 21.7531



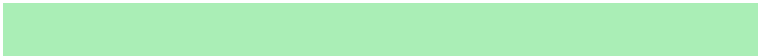
166.7890, 29.6840, -94.5310

Complementary

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



196.7160, 14.4370, 36.2061



211.2840, -14.4370, -36.2061

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.



172.6550, 9.5371, -72.4884



196.7160, 14.4370, 36.2061



185.4310, -27.3275, -8.2710

Square

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



196.7160, 14.4370, 36.2061



191.9630, -30.5478, 44.7594



180.0600, -11.3686, -40.3946



174.9020, 38.5023, -76.2131

Rectangle

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



196.7160, 14.4370, 36.2061



192.7250, -12.6824, 54.6152



180.0600, -11.3686, -40.3946



167.3290, 23.9948, -89.7425

Sweetspot

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



196.7160, 14.4370, 36.2061



241.0430, 4.9088, 12.2403



181.0410, 28.0808, -0.0360



118.8530, 3.0305, 8.0219



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.



196.7160, 14.4370, 36.2061



202.2210, 18.6250, 46.2872



192.9540, 0.0227, 39.5053



112.7280, 2.5991, 6.3775



72.2300, 38.8336, 98.0223



21.9880, 11.8379, 29.8285

Inverse Universe

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



196.7160, 14.4370, 36.2061



202.2210, 18.6250, 46.2872



215.0460, -0.0227, -39.5053



112.7280, 2.5991, 6.3775



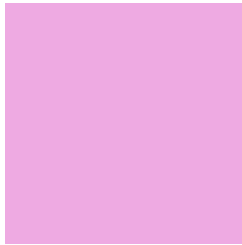
72.2300, 38.8336, 98.0223



21.9880, 11.8379, 29.8285

Previews

White Background



This preview shows how the YUV color 196.7160, 14.4370, 36.2061 looks on a white background.

Color Contrast Check

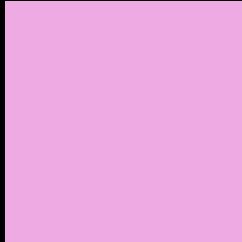
Large Text (above 18pt) WCAG AA × Fail

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 196.7160, 14.4370, 36.2061 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 196.7160, 14.4370, 36.2061 Background



This preview shows how black text looks on a background with the YUV color 196.7160, 14.4370, 36.2061.



This preview shows how white text looks on a background with the YUV color 196.7160, 14.4370,

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

196.7160, 14.4370, 36.2061

Protanopia

192.7100, 23.3140, -11.1467

Deuteranopia

193.7950, 14.3981, 1.9338



Tritanopia

195.2260, -2.5764, 33.1278

Trichromacy



Original Color

196.7160, 14.4370, 36.2061



Protanomaly

194.3100, 20.0602, 5.8671



Deuteranomaly

194.8720, 14.3601, 14.1443



Tritanomaly

195.5450, 3.6753, 34.6020

Monochromacy



Original Color

196.7160, 14.4370, 36.2061



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.8690, 5.4876, 13.2699

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7160, 14.4370, 36.2061 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, 170, 226)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 226)  
}
```

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, 170, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 226) }
```

Border

The CSS property to change the border of an element to YUV 196.7160, 14.4370, 36.2061 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, 170, 226) }
```


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

```
.border{ border-color:rgb(238, 170, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 226);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 196.7160, 14.4370, 36.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 226) }
```

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

```
.background{ background-color: rgb(238,  
170, 226) }
```

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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