

Converting Colors

YUV(186.9600, -2.4453,
37.7461)

Have a look what the booklet for
YUV(186.9600, -2.4453, 37.7461)
contains.

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Color

**YUV(186.9600, -2.4453,
37.7461)**

Conversions

Conversions Part 1

Format	Color
Hex	E6A6B6
RGB	230, 166, 182
RGB Percent	90%, 65%, 71%
CMY	0.0980, 0.3490, 0.2863
CMYK	0.00, 0.28, 0.21, 0.10
HSL	345°, 56%, 78%
HSV	345°, 28%, 90%
XYZ	54.7128, 47.4728, 50.5355
YIQ	186.9600, 33.0080, 18.5440

Conversions

Conversions Part 2

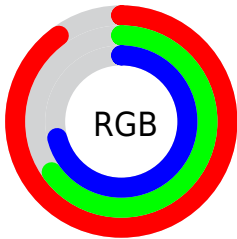
Format	Color
R _Y B	230, 166, 182
Decimal	15115958
CIE Lab	74.49, 25.88, 1.17
CIE LCh	74, 25.908, 2.589
Yxy	47.4728, 0.3583, 0.3108
Android (android.graphics.Color)	4293306038 (0xFFE6A6B6)
YUV	186.9600, -2.4453, 37.7461
Hunter-Lab	68.9005, 21.1682, 4.7438

Details

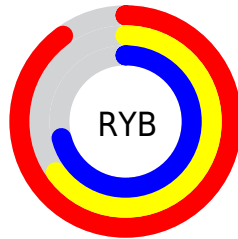
The YUV color **186.9600, -2.4453, 37.7461** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **209.0400, 2.4453, -37.7461**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.1040, 2.4137, 19.2028**, and **132.7640, -1.8557, 35.2870** is the 20% darker color. If you saturate the color by 10%, you get **171.5210, -3.2149, 51.2861**, and if you desaturate by 10%, it is **202.3990, -1.6757, 24.2061**.

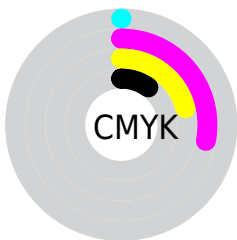
Distribution



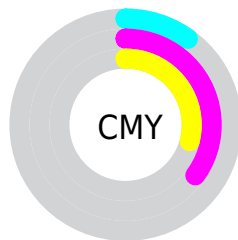
- Red (90%)
- Green (65%)
- Blue (71%)



- Red (90%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (28%)
- Yellow (21%)
- Black (10%)



- Cyan (10%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9600, -2.4453, 37.7461 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 186.9600, -2.4453, 37.7461 by changing the saturation by 10% instead.

 186.9600, -2.4453,
37.7461

 186.9600, -2.4453,
37.7461


255.0000, 0.0000,
0.0000


 159.3620, -2.1505,
36.5165


 233.1040, 2.4137,
19.2028


 132.7640, -1.8557,
35.2870

 252.0650, 1.4470,
2.5740

 107.1660, -1.5608,
34.0574

 82.2690, -1.1186,
32.2131

 58.6710, -0.8238,
30.9835

 35.3010, 0.3446,
29.5540

 15.0510, -0.5181,

26.2653

■ 1.7940, -0.8844,
3.6887

■ 0.0000, 0.0000,
0.0000

■ 186.9600, -2.4453,
37.7461

■ 186.9600, -2.4453,
37.7461

■ 171.5210, -3.2149,
51.2861

■ 202.3990, -1.6757,
24.2061

■ 155.9680, -4.4212,
64.9261

■ 217.9520, -0.4693,
10.5661

■ 140.5290, -5.1908,
78.4661

■ 233.3910, 0.3002,
-2.9739

■ 125.0900, -5.9604,
92.0061

■ 247.0690, 1.9380,
-14.9695

■ 109.6510, -6.7299,
105.5461

■ 247.5250, 3.6852,
-15.3694

■ 94.2120, -7.4995,
119.0861

■ 78.6590, -8.7059,
132.7261

■ 75.3820, -8.5693,
135.6000

Harmonies

Analogous

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



187.2710, 9.2334, 25.1953



186.9600, -2.4453, 37.7461



185.8110, -13.2178, 39.6308

Triad

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



186.9600, -2.4453, 37.7461



179.5590, -18.0236, -5.7522



176.3270, 23.9958, -43.2598

Complementary

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



186.9600, -2.4453, 37.7461



209.0400, 2.4453, -37.7461

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.



172.8500, 17.3290, -51.6114



186.9600, -2.4453, 37.7461



176.4730, -7.6282, -26.7248

Square

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



186.9600, -2.4453, 37.7461



181.8390, -22.5986, 15.0502



173.5060, 5.6665, -44.2938



181.7580, 23.7833, -21.7128

Rectangle

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



186.9600, -2.4453, 37.7461



184.5840, -19.0219, 34.5678



173.5060, 5.6665, -44.2938



174.2510, 22.5543, -47.5781

Sweetspot

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



186.9600, -2.4453, 37.7461



241.5500, -0.7642, 11.7956



187.6480, 20.8795, 23.1107



119.2290, -0.6059, 7.6922



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.



186.9600, -2.4453, 37.7461



198.5100, -3.2094, 49.5417



194.5280, -14.0643, 31.1089



106.9300, -0.4585, 7.0774



58.6510, -6.7299, 105.5461



16.7310, -1.8394, 30.0539

Inverse Universe

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



186.9600, -2.4453, 37.7461



198.5100, -3.2094, 49.5417



201.4720, 14.0643, -31.1089



106.9300, -0.4585, 7.0774



58.6510, -6.7299, 105.5461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 186.9600, -2.4453, 37.7461 looks on a white background.

Color Contrast Check

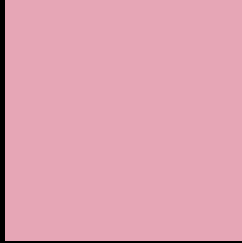
Large Text (above 18pt) WCAG AA × Fail

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 186.9600, -2.4453, 37.7461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

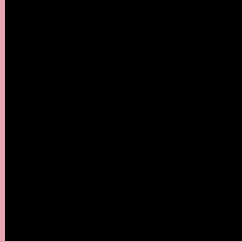
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.9600, -2.4453, 37.7461

Background



This preview shows how black text looks on a background with the YUV color 186.9600, -2.4453, 37.7461.



This preview shows how white text looks on a background with the YUV color 186.9600, -2.4453,

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

186.9600, -2.4453, 37.7461

Protanopia

184.6240, 3.6364, 0.3298

Deuteranopia

185.7030, -2.8116, 15.1695



Tritanopia

186.6180, -3.7557, 38.0460

Trichromacy



Original Color

186.9600, -2.4453, 37.7461

Protanomaly

185.4300, 1.2670, 13.6549

Deuteranomaly

186.4590, -2.6913, 23.2765

Tritanomaly

186.7320, -3.3189, 37.9460

Monochromacy



Original Color

186.9600, -2.4453, 37.7461

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.8600, -0.9170, 14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9600, -2.4453, 37.7461 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(230, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(230, 166, 182)  
}
```

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(230, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 166, 182) }
```

Border

The CSS property to change the border of an element to YUV 186.9600, -2.4453, 37.7461 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(230, 166, 182) }
```


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

```
.border{ border-color:rgb(230, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(230, 166,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 186.9600, -2.4453, 37.7461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 166, 182) }
```

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

```
.background{ background-color: rgb(230,  
166, 182) }
```

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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