

Converting Colors

YUV(193.6070, -3.7503,
36.3017)

Have a look what the booklet for
YUV(193.6070, -3.7503, 36.3017)
contains.

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Color

**YUV(193.6070, -3.7503,
36.3017)**

Conversions

Conversions Part 1

Format	Color
Hex	EBAEBA
RGB	235, 174, 186
RGB Percent	92%, 68%, 73%
CMY	0.0784, 0.3176, 0.2706
CMYK	0.00, 0.26, 0.21, 0.08
HSL	348°, 60%, 80%
HSV	348°, 26%, 92%
XYZ	58.2599, 51.4794, 53.3203
YIQ	193.6070, 32.5040, 16.6640

Conversions

Conversions Part 2

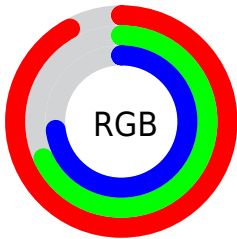
Format	Color
R _Y B	235, 174, 186
Decimal	15445690
CIE Lab	76.97, 24.00, 2.65
CIE LCh	77, 24.150, 6.294
Yxy	51.4794, 0.3573, 0.3157
Android (android.graphics.Color)	4293635770 (0xFFEBAEBA)
YUV	193.6070, -3.7503, 36.3017
Hunter-Lab	71.7492, 19.3799, 6.1632

Details

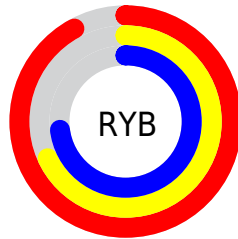
The YUV color **193.6070, -3.7503, 36.3017** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **215.3930, 3.7503, -36.3017**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.8430, 1.5564, 14.1697**, and **139.4110, -3.1606, 33.8426** is the 20% darker color. If you saturate the color by 10%, you get **177.9400, -5.3934, 50.0416**, and if you desaturate by 10%, it is **209.8610, -2.3965, 22.0469**.

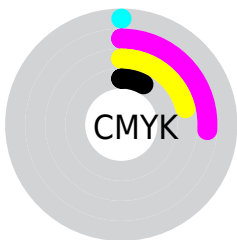
Distribution



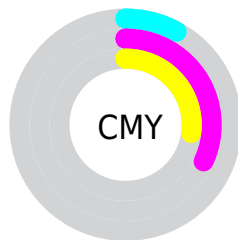
- Red (92%)
- Green (68%)
- Blue (73%)



- Red (92%)
- Yellow (68%)
- Blue (73%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.6070, -3.7503, 36.3017 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 193.6070, -3.7503, 36.3017 by changing the saturation by 10% instead.


 193.6070, -3.7503,
36.3017


 193.6070, -3.7503,
36.3017


255.0000, 0.0000,
0.0000


 166.0090, -3.4554,
35.0721


 238.8430, 1.5564,
14.1697

 139.4110, -3.1606,
33.8426

 113.8130, -2.8658,
32.6130

 88.9160, -2.4236,
30.7687

 64.4320, -1.6920,
29.4391

 41.5350, -1.2498,
27.5948

 18.4640, -0.2288,

26.7801

■ 6.8770, -3.3904,
14.1399

■ 0.0000, 0.0000,
0.0000

■ 193.6070, -3.7503,
36.3017

■ 193.6070, -3.7503,
36.3017

■ 177.9400, -5.3934,
50.0416

■ 209.8610, -2.3965,
22.0469

■ 161.6860, -6.7472,
64.2964

■ 225.5280, -0.7533,
8.3069

■ 146.0190, -8.3904,
78.0363

■ 241.1950, 0.8899,
-5.4330

■ 129.7650, -9.7441,
92.2911

■ 249.0200, 2.9481,
-12.2955

■ 113.6250,
-10.6611, 106.4459

■ 97.9580, -12.3043,
120.1858

■ 82.2910, -13.9475,
133.9258

■ 75.5090, -14.5479,
139.8736

Harmonies

Analogous

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



193.7010, 7.0494, 25.6952



193.6070, -3.7503, 36.3017



192.0880, -13.3544, 36.7568

Triad

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



193.6070, -3.7503, 36.3017



186.1180, -15.8342, -7.9965



184.3170, 22.5217, -37.1120

Complementary

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



193.6070, -3.7503, 36.3017



215.3930, 3.7503, -36.3017

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.



181.1710, 17.1707, -47.5080



193.6070, -3.7503, 36.3017



182.9290, -5.8810, -27.1247

Square

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



193.6070, -3.7503, 36.3017



188.5720, -20.9880, 11.7764



180.7450, 6.5347, -42.7494



189.0360, 22.1673, -16.6946

Rectangle

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



193.6070, -3.7503, 36.3017



191.0890, -18.2849, 31.4939



180.7450, 6.5347, -42.7494



182.9420, 21.2276, -42.0451

Sweetspot

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



193.6070, -3.7503, 36.3017



241.4360, -1.2009, 11.8956



195.6050, 19.4217, 24.0254



119.1150, -1.0427, 7.7921



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.



193.6070, -3.7503, 36.3017



201.4450, -4.6564, 46.9677



202.8050, -14.2009, 28.2350



109.5170, -0.7479, 6.5626



58.2230, -10.9559, 107.6754



17.4000, -3.1552, 32.0982

Inverse Universe

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



193.6070, -3.7503, 36.3017



201.4450, -4.6564, 46.9677



206.1950, 14.2009, -28.2350



109.5170, -0.7479, 6.5626



58.2230, -10.9559, 107.6754



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 193.6070, -3.7503, 36.3017 looks on a white background.

Color Contrast Check

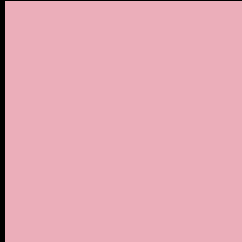
Large Text (above 18pt) WCAG AA × Fail

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 193.6070, -3.7503, 36.3017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

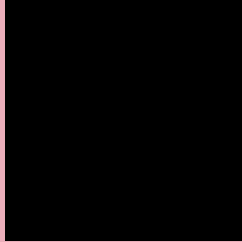
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.6070, -3.7503, 36.3017

Background



This preview shows how black text looks on a background with the YUV color 193.6070, -3.7503, 36.3017.



This preview shows how white text looks on a background with the YUV color 193.6070, -3.7503,

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

193.6070, -3.7503, 36.3017

Protanopia

190.5810, 2.1786, 1.2445

Deuteranopia

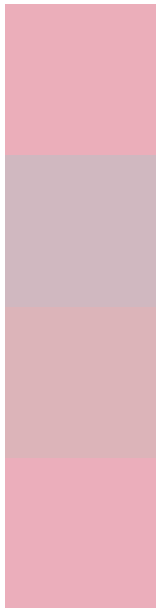
192.0730, -3.9800, 16.5990



Tritanopia

193.7210, -3.3135, 36.2017

Trichromacy



Original Color

193.6070, -3.7503, 36.3017

Protanomaly

192.0880, -0.0434, 13.9548

Deuteranomaly

192.5300, -3.7123, 24.0912

Tritanomaly

193.7210, -3.3135, 36.2017

Monochromacy



Original Color

193.6070, -3.7503, 36.3017

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0340, -1.4958, 13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.6070, -3.7503, 36.3017 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(235, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(235, 174, 186)  
}
```

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(235, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 186) }
```

Border

The CSS property to change the border of an element to YUV 193.6070, -3.7503, 36.3017 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(235, 174, 186) }
```


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

```
.border{ border-color:rgb(235, 174, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 174, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 193.6070, -3.7503, 36.3017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 186) }
```

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

```
.background{ background-color: rgb(235,  
174, 186) }
```

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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