

Converting Colors

YUV(196.3720, -0.6764,
30.3688)

Have a look what the booklet for
YUV(196.3720, -0.6764, 30.3688)
contains.

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Color

**YUV(196.3720, -0.6764,
30.3688)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B3C3
RGB	231, 179, 195
RGB Percent	91%, 70%, 76%
CMY	0.0941, 0.2980, 0.2353
CMYK	0.00, 0.23, 0.16, 0.09
HSL	342°, 52%, 80%
HSV	342°, 23%, 91%
XYZ	58.9254, 53.1693, 58.7867
YIQ	196.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

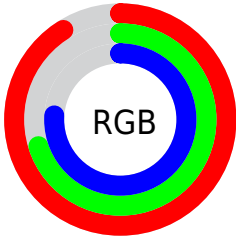
Format	Color
R _Y B	231, 179, 195
Decimal	15184835
CIE Lab	77.97, 21.28, -0.83
CIE LCh	78, 21.294, 357.766
Yxy	53.1693, 0.3448, 0.3111
Android (android.graphics.Color)	4293374915 (0xFFE7B3C3)
YUV	196.3720, -0.6764, 30.3688
Hunter-Lab	72.9173, 16.6431, 3.2418

Details

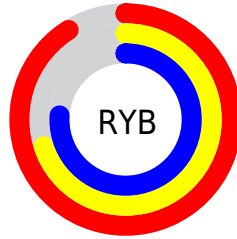
The YUV color $196.3720, -0.6764, 30.3688$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $213.6280, 0.6764, -30.3688$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.9180, 4.4774, 10.5959$, and $142.3610, -0.6710, 28.6244$ is the 20% darker color. If you saturate the color by 10%, you get $181.0470, -1.0092, 43.8088$, and if you desaturate by 10%, it is $211.6970, -0.3436, 16.9287$.

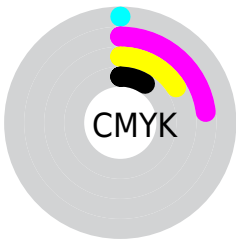
Distribution



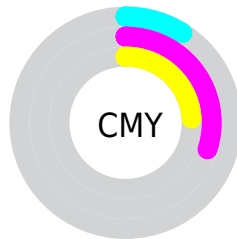
- Red (91%)
- Green (70%)
- Blue (76%)



- Red (91%)
- Yellow (70%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (9%)




- Cyan (9%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.3720, -0.6764, 30.3688 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 196.3720, -0.6764, 30.3688 by changing the saturation by 10% instead.

 196.3720, -0.6764,
30.3688

 196.3720, -0.6764,
30.3688


255.0000, 0.0000,
0.0000

 169.0730, -0.5290,
29.7540

 242.9180, 4.4774,
10.5959

 142.3610, -0.6710,
28.6244

 116.7630, -0.3762,
27.3948

 91.1650, -0.0813,
26.1653

 67.5670, 0.2135,
24.9357

 44.6700, 0.6557,
23.0914

 22.4850, 1.2399,

22.3767

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 196.3720, -0.6764,
30.3688

■ 196.3720, -0.6764,
30.3688

■ 181.0470, -1.0092,
43.8088

■ 211.6970, -0.3436,
16.9287

■ 165.7220, -1.3419,
57.2488

■ 227.0220, -0.0108,
3.4887

■ 150.3970, -1.6747,
70.6888

■ 242.3470, 0.3219,
-9.9513

■ 135.0720, -2.0075,
84.1289

■ 247.8240, 3.5378,
-14.7546

■ 119.1600, -2.0509,
98.0837

■ 103.8350, -2.3837,
111.5237

■ 88.5100, -2.7164,
124.9637

■ 77.1630, -3.0384,
134.9150

Harmonies

Analogous

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



196.1130, 8.8183, 18.3179



196.3720, -0.6764, 30.3688



195.5760, -10.1440, 33.6978

Triad

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



196.3720, -0.6764, 30.3688



189.8630, -15.7085, -1.6339



187.1170, 19.1693, -35.1826

Complementary

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



196.3720, -0.6764, 30.3688



213.6280, 0.6764, -30.3688

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.



185.2490, 12.2022, -40.5604



196.3720, -0.6764, 30.3688



187.7020, -8.2341, -19.0327

Square

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



196.3720, -0.6764, 30.3688



192.4630, -18.9623, 15.3799



185.4750, 2.7238, -33.7426



191.1450, 20.1415, -20.2982

Rectangle

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



196.3720, -0.6764, 30.3688



194.8870, -15.2273, 30.7941



185.4750, 2.7238, -33.7426



186.2260, 17.1436, -38.7862

Sweetspot

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



196.3720, -0.6764, 30.3688



243.0660, -0.0325, 10.4661



195.6920, 17.4068, 16.9331



120.6310, -0.3111, 6.4626



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.



196.3720, -0.6764, 30.3688



209.0250, -0.9983, 40.3201



200.4180, -10.5591, 26.8204



107.0440, -0.0217, 6.9774



59.7910, -2.3620, 104.5463



17.0730, -0.5290, 29.7540

Inverse Universe

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



196.3720, -0.6764, 30.3688



209.0250, -0.9983, 40.3201



209.5820, 10.5591, -26.8204



107.0440, -0.0217, 6.9774



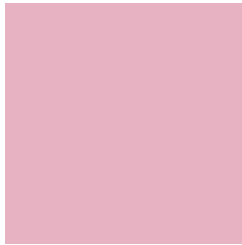
59.7910, -2.3620, 104.5463



17.0730, -0.5290, 29.7540

Previews

White Background



This preview shows how the YUV color 196.3720, -0.6764, 30.3688 looks on a white background.

Color Contrast Check

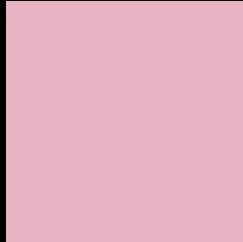
Large Text (above 18pt) WCAG AA × Fail

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 196.3720, -0.6764, 30.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

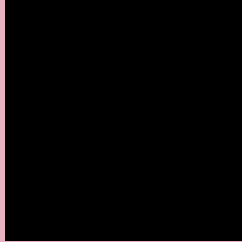
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.3720, -0.6764, 30.3688

Background



This preview shows how black text looks on a background with the YUV color 196.3720, -0.6764, 30.3688.



This preview shows how white text looks on a background with the YUV color 196.3720, -0.6764,

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

196.3720, -0.6764, 30.3688

Protanopia

193.8520, 4.5100, 0.1298

Deuteranopia

194.9740, -0.4802, 14.0548



Tritanopia

196.1440, -1.5500, 30.5687

Trichromacy



Original Color

196.3720, -0.6764, 30.3688

Protanomaly

194.4620, 2.7302, 10.9958

Deuteranomaly

195.3060, -0.6439, 19.9026

Tritanomaly

196.2580, -1.1132, 30.4687

Monochromacy



Original Color

196.3720, -0.6764, 30.3688

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.3650, -0.1799, 11.0809

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3720, -0.6764, 30.3688 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(231, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(231, 179, 195)  
}
```

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(231, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 179, 195) }
```

Border

The CSS property to change the border of an element to YUV 196.3720, -0.6764, 30.3688 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(231, 179, 195) }
```


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

```
.border{ border-color:rgb(231, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(231, 179,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 196.3720, -0.6764, 30.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 179, 195) }
```

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

```
.background{ background-color: rgb(231,  
179, 195) }
```

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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