

Converting Colors

YUV(195.9430, 0.0281, 37.7610)

Have a look what the booklet for
YUV(195.9430, 0.0281, 37.7610)
contains.

YUV(195.9430, 0.0281, 37.7610)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(195.9430, 0.0281,
37.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	EFAEC4
RGB	239, 174, 196
RGB Percent	94%, 68%, 77%
CMY	0.0627, 0.3176, 0.2314
CMYK	0.00, 0.27, 0.18, 0.06
HSL	340°, 67%, 81%
HSV	340°, 27%, 94%
XYZ	60.6965, 52.6083, 59.1799
YIQ	195.9430, 31.6780, 20.6220

Conversions

Conversions Part 2

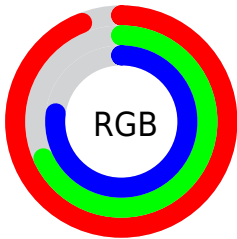
Format	Color
R _Y B	239, 174, 196
Decimal	15707844
CIE Lab	77.64, 26.94, -1.76
CIE LCh	78, 26.994, 356.253
Yxy	52.6083, 0.3519, 0.3050
Android (android.graphics.Color)	4293897924 (0xFFEFAEC4)
YUV	195.9430, 0.0281, 37.7610
Hunter-Lab	72.5316, 22.4434, 2.3963

Details

The YUV color $195.9430, 0.0281, 37.7610$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $217.0570, -0.0281, -37.7610$, and the grayscale version is $196.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.0970, 6.3612, 13.0699$, and $141.6330, 0.1809, 35.4019$ is the 20% darker color. If you saturate the color by 10%, you get $180.0310, -0.0153, 51.7158$, and if you desaturate by 10%, it is $211.8550, 0.0715, 23.8062$.

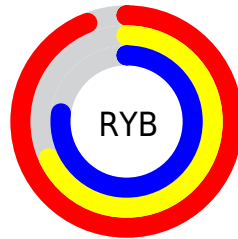
Distribution



Red (94%)

Green (68%)

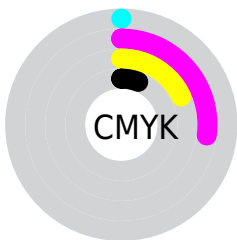
Blue (77%)



Red (94%)

Yellow (68%)

Blue (77%)

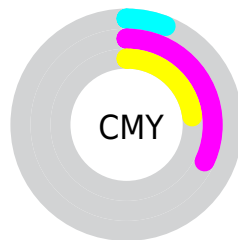


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (6%)



Cyan (6%)


Magenta (32%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.9430, 0.0281, 37.7610 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 195.9430, 0.0281, 37.7610 by changing the saturation by 10% instead.

 195.9430, 0.0281,
37.7610

 195.9430, 0.0281,
37.7610


255.0000, 0.0000,
0.0000

 168.3450, 0.3229,
36.5314


 240.0970, 6.3612,
13.0699

 141.6330, 0.1809,
35.4019

 116.0350, 0.4757,
34.1723

 90.4370, 0.7706,
32.9428

 66.5400, 1.2128,
31.0984

 43.0560, 1.9444,
29.7689

 19.6860, 3.1128,

28.3394

■ 9.0840, -3.9854,
18.3433

■ 0.0000, 0.0000,
0.0000

■ 195.9430, 0.0281,
37.7610

■ 195.9430, 0.0281,
37.7610

■ 180.0310, -0.0153,
51.7158

■ 211.8550, 0.0715,
23.8062

■ 164.1190, -0.0587,
65.6706

■ 227.7670, 0.1149,
9.8513

■ 148.3210, 0.3347,
79.5255

■ 243.5650, -0.2785,
-4.0035

■ 132.4090, 0.2914,
93.4803

■ 250.2160, 2.3585,
-9.8364

■ 117.0840, -0.0414,
106.9203

■ 101.1720, -0.0848,
120.8752

■ 85.2600, -0.1282,
134.8300

■ 80.6950, 0.1504,
138.8335

Harmonies

Analogous

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



195.6450, 12.0070, 22.2363



195.9430, 0.0281, 37.7610



194.8760, -11.7709, 42.2047

Triad

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



195.9430, 0.0281, 37.7610



188.3100, -20.3658, -1.1489



183.4080, 24.4489, -48.5928

Complementary

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



195.9430, 0.0281, 37.7610



217.0570, -0.0281, -37.7610

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.



180.7850, 15.8820, -54.1854



195.9430, 0.0281, 37.7610



184.9850, -10.8386, -23.6658

Square

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



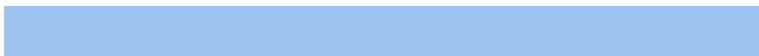
195.9430, 0.0281, 37.7610



190.8180, -24.0673, 19.4536



181.8220, 3.0458, -43.6939



188.8820, 25.6942, -27.9605

Rectangle

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



195.9430, 0.0281, 37.7610



194.1330, -18.3066, 38.4714



181.8220, 3.0458, -43.6939



181.5170, 22.4231, -52.1964

Sweetspot

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



195.9430, 0.0281, 37.7610



241.7780, 0.1094, 11.5957



193.9680, 22.2008, 19.3221



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.



195.9430, 0.0281, 37.7610



199.3080, -0.1518, 48.8419



199.3050, -12.4754, 34.8125



112.0440, -0.0217, 6.9774



62.0840, -0.0414, 106.9203



18.9100, 0.0444, 32.5279

Inverse Universe

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



195.9430, 0.0281, 37.7610



199.3080, -0.1518, 48.8419



213.6950, 12.4754, -34.8125



112.0440, -0.0217, 6.9774



62.0840, -0.0414, 106.9203



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 195.9430, 0.0281, 37.7610 looks on a white background.

Color Contrast Check

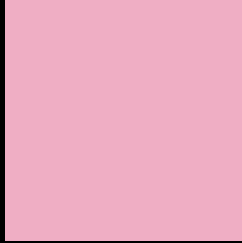
Large Text (above 18pt) WCAG AA × Fail

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 195.9430, 0.0281, 37.7610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

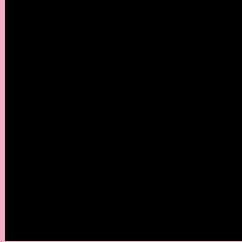
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.9430, 0.0281, 37.7610

Background



This preview shows how black text looks on a background with the YUV color 195.9430, 0.0281, 37.7610.



This preview shows how white text looks on a background with the YUV color 195.9430, 0.0281,

37.7610.

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

195.9430, 0.0281, 37.7610

Protanopia

193.0090, 6.4046, -0.8849

Deuteranopia

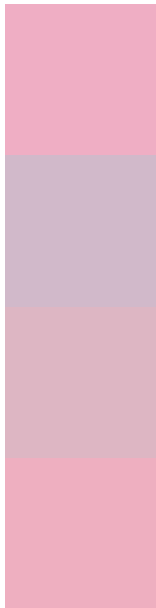
194.0880, -0.0434, 13.9548



Tritanopia

195.4330, -3.1715, 37.3313

Trichromacy



Original Color

195.9430, 0.0281, 37.7610

Protanomaly

194.1140, 3.8878, 13.0550

Deuteranomaly

195.1430, -0.0705, 22.6766

Tritanomaly

195.7750, -1.8611, 37.0313

Monochromacy



Original Color

195.9430, 0.0281, 37.7610

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0880, -0.0434, 13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9430, 0.0281, 37.7610 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(239, 174, 196)` looks like.

```
.text, #text, p{  
    color:rgb(239, 174, 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(239, 174, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 174, 196) }
```

Border

The CSS property to change the border of an element to YUV 195.9430, 0.0281, 37.7610 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(239, 174, 196) }
```


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

```
.border{ border-color:rgb(239, 174, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 174, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 174, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 174, 196);  
box-shadow:4px 4px 4px 4px rgb(239, 174,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 195.9430, 0.0281, 37.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 174, 196) }
```

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

```
.background{ background-color: rgb(239,  
174, 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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