

Converting Colors

YUV(200.1170, -0.5507,
36.7314)

Have a look what the booklet for
YUV(200.1170, -0.5507, 36.7314)
contains.

YUV(200.1170, -0.5507, 36.7314)	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(200.1170, -0.5507,
36.7314)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B3C7
RGB	242, 179, 199
RGB Percent	95%, 70%, 78%
CMY	0.0510, 0.2980, 0.2196
CMYK	0.00, 0.26, 0.18, 0.05
HSL	341°, 71%, 83%
HSV	341°, 26%, 95%
XYZ	63.0469, 55.2410, 61.3725
YIQ	200.1170, 31.1280, 19.5760

Conversions

Conversions Part 2

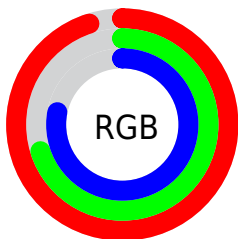
Format	Color
R _Y B	242, 179, 199
Decimal	15905735
CIE Lab	79.18, 25.80, -1.11
CIE LCh	79, 25.824, 357.545
Yxy	55.2410, 0.3509, 0.3075
Android (android.graphics.Color)	4294095815 (0xFFFF2B3C7)
YUV	200.1170, -0.5507, 36.7314
Hunter-Lab	74.3243, 21.3483, 3.0689

Details

The YUV color $200.1170, -0.5507, 36.7314$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $220.8830, 0.5507, -36.7314$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.7878, 10.2960$, and $145.8070, -0.3979, 34.3723$ is the 20% darker color. If you saturate the color by 10%, you get $184.0910, -1.0309, 50.7862$, and if you desaturate by 10%, it is $216.1430, -0.0705, 22.6766$.

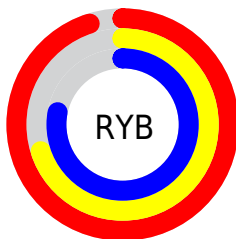
Distribution



Red (95%)

Green (70%)

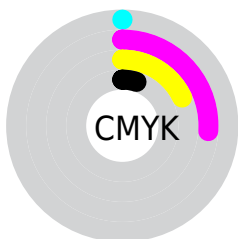
Blue (78%)



Red (95%)

Yellow (70%)

Blue (78%)

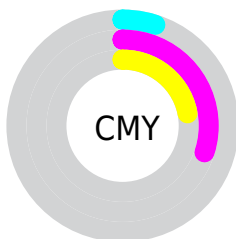


Cyan (0%)

Magenta (26%)

Yellow (18%)

Black (5%)



Cyan (5%)


Magenta (30%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.1170, -0.5507, 36.7314 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 200.1170, -0.5507, 36.7314 by changing the saturation by 10% instead.


 200.1170, -0.5507,
36.7314


 200.1170, -0.5507,
36.7314


255.0000, 0.0000,
0.0000


 172.5190, -0.2559,
35.5018

 243.2600, 5.7878,
10.2960

 145.8070, -0.3979,
34.3723

 119.3230, 0.3338,
33.0427

 94.6110, 0.1918,
31.9132

 70.0130, 0.4866,
30.6836

 46.2300, 1.3656,
28.7393

 23.1590, 2.3866,

27.9246

■ 10.8780, -4.8699,
22.0320

■ 0.0000, 0.0000,
0.0000

■ 200.1170, -0.5507,
36.7314

■ 200.1170, -0.5507,
36.7314

■ 184.0910, -1.0309,
50.7862

■ 216.1430, -0.0705,
22.6766

■ 168.1790, -1.0742,
64.7410

■ 232.0550, -0.0271,
8.7218

■ 151.5660, -1.2650,
79.3106

■ 248.6680, 0.1637,
-5.8478

■ 135.6540, -1.3084,
93.2654

■ 251.1130, 1.9163,
-7.9921

■ 119.6280, -1.7886,
107.3202

■ 103.7160, -1.8320,
121.2751

■ 87.6900, -2.3122,
135.3299

■ 81.1360, -2.0390,
141.0777

Harmonies

Analogous

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



200.0040, 10.8440, 21.9215



200.1170, -0.5507, 36.7314



198.8650, -11.7654, 40.4604

Triad

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



200.1170, -0.5507, 36.7314



192.2390, -19.3448, -1.9636



188.2020, 23.5644, -44.9042

Complementary

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



200.1170, -0.5507, 36.7314



220.8830, 0.5507, -36.7314

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.



185.3940, 15.5818, -51.2115



200.1170, -0.5507, 36.7314



189.6260, -9.6756, -23.3510

Square

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



200.1170, -0.5507, 36.7314



195.3340, -23.3357, 18.1241



186.8330, 3.0403, -41.9495



193.9640, 24.6677, -25.4014

Rectangle

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



200.1170, -0.5507, 36.7314



198.2360, -17.8643, 36.6270



186.8330, 3.0403, -41.9495



187.0120, 21.6861, -49.1225

Sweetspot

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



200.1170, -0.5507, 36.7314



241.6640, -0.3274, 11.6957



198.7400, 21.3272, 19.5220



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.



200.1170, -0.5507, 36.7314



202.4710, -0.7252, 46.0679



203.7070, -12.1806, 33.5830



112.0440, -0.0217, 6.9774



61.6280, -1.7886, 107.3202



18.7960, -0.3924, 32.6279

Inverse Universe

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



200.1170, -0.5507, 36.7314



202.4710, -0.7252, 46.0679



216.7060, 12.4699, -33.0682



112.0440, -0.0217, 6.9774



61.6280, -1.7886, 107.3202



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 200.1170, -0.5507, 36.7314 looks on a white background.

Color Contrast Check

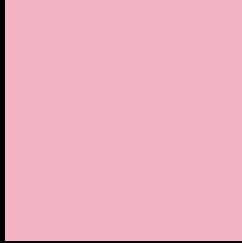
Large Text (above 18pt) WCAG AA × Fail

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 200.1170, -0.5507, 36.7314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

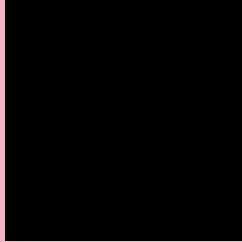
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 200.1170, -0.5507, 36.7314

Background



This preview shows how black text looks on a background with the YUV color 200.1170, -0.5507, 36.7314.



This preview shows how white text looks on a background with the YUV color 200.1170, -0.5507,

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

200.1170, -0.5507, 36.7314

Protanopia

196.8950, 5.9678, -0.7849

Deuteranopia

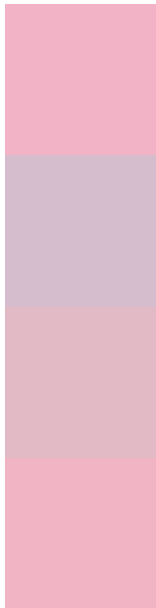
198.2730, -0.6276, 14.6696



Tritanopia

199.8350, -2.8767, 36.1017

Trichromacy



Original Color

200.1170, -0.5507, 36.7314

Protanomaly

198.0000, 3.4510, 13.1550

Deuteranomaly

199.0290, -0.5073, 22.7766

Tritanomaly

200.0630, -2.0031, 35.9017

Monochromacy



Original Color

200.1170, -0.5507, 36.7314

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.7890, 0.1040, 13.3400

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.1170, -0.5507, 36.7314 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(242, 179, 199)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 199)  
}
```

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(242, 179, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 199) }
```

Border

The CSS property to change the border of an element to YUV 200.1170, -0.5507, 36.7314 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(242, 179, 199) }
```


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

```
.border{ border-color:rgb(242, 179, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 199);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 200.1170, -0.5507, 36.7314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 199) }
```

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

```
.background{ background-color: rgb(242,  
179, 199) }
```

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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