

Converting Colors

YUV(201.2570, 3.8173, 35.7316)

Have a look what the booklet for
YUV(201.2570, 3.8173, 35.7316)
contains.

YUV(201.2570, 3.8173, 35.7316)	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(201.2570, 3.8173,
35.7316)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B3D1
RGB	242, 179, 209
RGB Percent	95%, 70%, 82%
CMY	0.0510, 0.2980, 0.1804
CMYK	0.00, 0.26, 0.14, 0.05
HSL	331°, 71%, 83%
HSV	331°, 26%, 95%
XYZ	64.2467, 55.7209, 67.6906
YIQ	201.2570, 27.9180, 22.6860

Conversions

Conversions Part 2

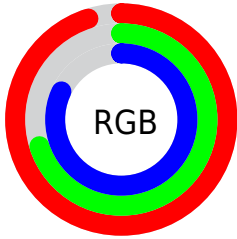
Format	Color
R _Y B	242, 179, 209
Decimal	15905745
CIE Lab	79.45, 27.36, -6.12
CIE LCh	79, 28.040, 347.399
Yxy	55.7209, 0.3424, 0.2969
Android (android.graphics.Color)	4294095825 (0xFFFF2B3D1)
YUV	201.2570, 3.8173, 35.7316
Hunter-Lab	74.6464, 23.0001, -1.5127

Details

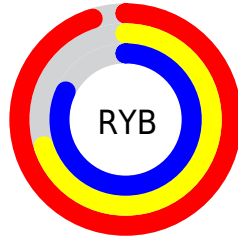
The YUV color $201.2570, 3.8173, 35.7316$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $219.7430, -3.8173, -35.7316$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.7878, 10.2960$, and $146.9470, 3.9701, 33.3725$ is the 20% darker color. If you saturate the color by 10%, you get $185.6870, 5.0843, 49.3865$, and if you desaturate by 10%, it is $216.8270, 2.5503, 22.0767$.

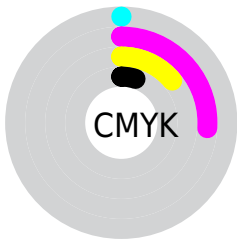
Distribution



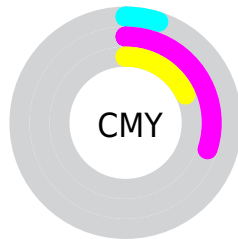
- Red (95%)
- Green (70%)
- Blue (82%)



- Red (95%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (26%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.2570, 3.8173, 35.7316 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 201.2570, 3.8173, 35.7316 by changing the saturation by 10% instead.

 201.2570, 3.8173,
35.7316

 201.2570, 3.8173,
35.7316

255.0000, 0.0000,
0.0000

 173.5450, 3.6753,
34.6020


 243.2600, 5.7878,
10.2960

 146.9470, 3.9701,
33.3725

 120.6480, 4.1175,
32.7577

 95.6370, 4.1230,
31.0134

 71.0390, 4.4178,
29.7838

 47.4410, 4.7126,
28.5542

 23.3700, 5.7336,

27.7395

■ 12.2460, 0.3717,
20.8323

■ 0.0000, 0.0000,
0.0000

■ 201.2570, 3.8173,
35.7316

■ 201.2570, 3.8173,
35.7316

■ 185.6870, 5.0843,
49.3865

■ 216.8270, 2.5503,
22.0767

■ 170.2310, 6.7881,
62.9414

■ 232.2830, 0.8465,
8.5218

■ 154.0740, 8.3445,
77.1111

■ 248.4400, -0.7099,
-5.6479

■ 138.5040, 9.6115,
90.7660

■ 251.1130, 1.9163,
-7.9921

■ 123.0480, 11.3153,
104.3209

■ 107.4780, 12.5823,
117.9758

■ 91.9080, 13.8494,
131.6307

■ 85.4680, 14.5593,
137.2786

Harmonies

Analogous

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



200.5240, 15.5177, 16.2035



201.2570, 3.8173, 35.7316



199.9840, -8.8661, 43.8640

Triad

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



201.2570, 3.8173, 35.7316



193.9580, -23.1503, 5.2988



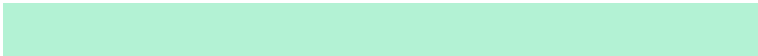
186.4350, 23.4495, -54.7555

Complementary

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



201.2570, 3.8173, 35.7316



219.7430, -3.8173, -35.7316

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.



184.9760, 12.8298, -55.2300



201.2570, 3.8173, 35.7316



190.9920, -14.7861, -17.5330

Square

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



201.2570, 3.8173, 35.7316



196.3350, -24.8152, 26.0162



187.4050, -1.1857, -39.8202



192.1690, 27.0317, -36.9822

Rectangle

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



201.2570, 3.8173, 35.7316



199.3230, -16.4282, 42.6897



187.4050, -1.1857, -39.8202



185.1420, 21.1290, -57.1295

Sweetspot

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



201.2570, 3.8173, 35.7316



242.0060, 0.9830, 11.3957



196.0490, 22.6538, 13.9890



119.5710, 0.7045, 7.3922



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.



201.2570, 3.8173, 35.7316



203.9530, 4.9532, 44.7682



198.4240, -9.5760, 38.2162



112.2720, 0.8519, 6.7775



64.9340, 10.8785, 104.4209



19.8220, 3.5388, 31.7281

Inverse Universe

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



201.2570, 3.8173, 35.7316



203.9530, 4.9532, 44.7682



222.5760, 9.5760, -38.2162



112.2720, 0.8519, 6.7775



64.9340, 10.8785, 104.4209



19.8220, 3.5388, 31.7281

Previews

White Background



This preview shows how the YUV color 201.2570, 3.8173, 35.7316 looks on a white background.

Color Contrast Check

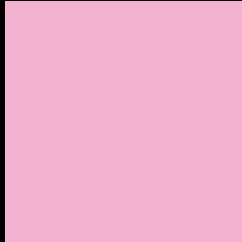
Large Text (above 18pt) WCAG AA × Fail

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 201.2570, 3.8173, 35.7316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

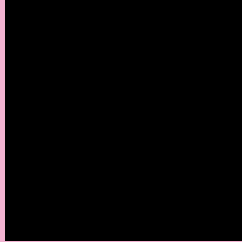
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.2570, 3.8173, 35.7316

Background



This preview shows how black text looks on a background with the YUV color 201.2570, 3.8173, 35.7316.



This preview shows how white text looks on a background with the YUV color 201.2570, 3.8173,

35.7316.

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

201.2570, 3.8173, 35.7316

Protanopia

198.0240, 10.3412, -3.5290

Deuteranopia

199.1030, 3.8932, 11.3107



Tritanopia

200.2370, -2.5818, 34.8722

Trichromacy



Original Color

201.2570, 3.8173, 35.7316



Protanomaly

199.1290, 7.8244, 10.4109



Deuteranomaly

200.1580, 3.8661, 20.0324



Tritanomaly

200.5190, -0.2559, 35.5018

Monochromacy



Original Color

201.2570, 3.8173, 35.7316



Achromatopsia

201.0000, 0.0000, 0.0000



Achromatomaly

201.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.2570, 3.8173, 35.7316 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 209) }
```

Border

The CSS property to change the border of an element to YUV 201.2570, 3.8173, 35.7316 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, 209) }
```


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

```
.border{ border-color:rgb(242, 179, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 201.2570, 3.8173, 35.7316 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, 209) }
```

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

```
.background{ background-color: rgb(242,  
179, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor