

Converting Colors

YUV(207.5560, 3.6699, 36.3464)

Have a look what the booklet for
YUV(207.5560, 3.6699, 36.3464)
contains.

YUV(207.5560, 3.6699, 36.3464)	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(207.5560, 3.6699,
36.3464)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B9D7
RGB	249, 185, 215
RGB Percent	98%, 73%, 84%
CMY	0.0235, 0.2745, 0.1569
CMYK	0.00, 0.26, 0.14, 0.02
HSL	332°, 84%, 85%
HSV	332°, 26%, 98%
XYZ	68.6816, 59.7440, 72.2018
YIQ	207.5560, 28.5140, 22.8980

Conversions

Conversions Part 2

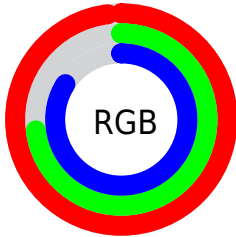
Format	Color
R _Y B	249, 185, 215
Decimal	16366039
CIE Lab	81.70, 27.57, -5.96
CIE LCh	82, 28.202, 347.802
Yxy	59.7440, 0.3423, 0.2978
Android (android.graphics.Color)	4294556119 (0xFFF9B9D7)
YUV	207.5560, 3.6699, 36.3464
Hunter-Lab	77.2942, 23.3456, -1.2778

Details

The YUV color $207.5560, 3.6699, 36.3464$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $226.4440, -3.6699, -36.3464$, and the grayscale version is $208.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7820, 4.0515, 7.2072$, and $152.5450, 3.6753, 34.6020$ is the 20% darker color. If you saturate the color by 10%, you get $191.3990, 5.2263, 50.5161$, and if you desaturate by 10%, it is $223.7130, 2.1135, 22.1767$.

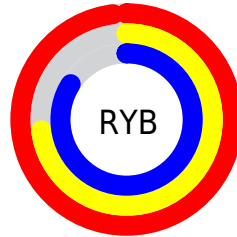
Distribution



Red (98%)

Green (73%)

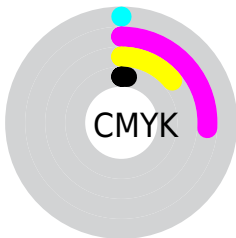
Blue (84%)



Red (98%)

Yellow (73%)

Blue (84%)

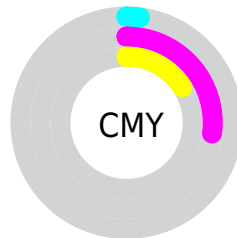


Cyan (0%)

Magenta (26%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (27%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 207.5560, 3.6699, 36.3464 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 207.5560, 3.6699, 36.3464 by changing the saturation by 10% instead.

 207.5560, 3.6699,
36.3464

 207.5560, 3.6699,
36.3464


255.0000, 0.0000,
0.0000

 179.8440, 3.5279,
35.2168

 246.7820, 4.0515,
7.2072

 152.5450, 3.6753,
34.6020

 126.5340, 3.6807,
32.8577

 100.9360, 3.9756,
31.6281

 76.3380, 4.2704,
30.3986

 52.6260, 4.1284,
29.2690

 28.6690, 5.5862,

28.3543

■ 14.1260, 2.4029,
22.6915

■ 0.0000, 0.0000,
0.0000

■ 207.5560, 3.6699,
36.3464

■ 207.5560, 3.6699,
36.3464

■ 191.3990, 5.2263,
50.5161

■ 223.7130, 2.1135,
22.1767

■ 175.2420, 6.7827,
64.6858

■ 239.8700, 0.5571,
8.0070

■ 158.9710, 7.9023,
78.9554

■ 253.2060, 0.8844,
-3.6887

■ 142.8140, 9.4587,
93.1251

■ 127.2440, 10.7257,
106.7800

■ 111.0870, 12.2821,
120.9497

■ 94.8160, 13.4017,
135.2194

■ 87.7890, 14.4010,
141.3820

Harmonies

Analogous

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



206.9370, 15.8071, 16.7183



207.5560, 3.6699, 36.3464



205.6850, -8.7187, 43.2493

Triad

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



207.5560, 3.6699, 36.3464



199.8440, -23.5871, 5.3988



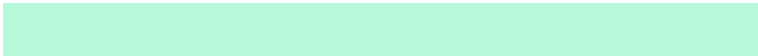
192.5490, 23.8863, -54.8555

Complementary

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



207.5560, 3.6699, 36.3464



226.4440, -3.6699, -36.3464

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.



191.0900, 13.2666, -55.3299



207.5560, 3.6699, 36.3464



196.6930, -14.6386, -18.1478

Square

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



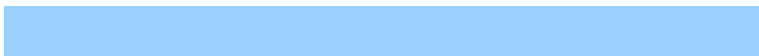
207.5560, 3.6699, 36.3464



203.2210, -25.2520, 26.1162



193.1060, -1.0383, -40.4350



198.2830, 27.4685, -37.0822

Rectangle

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



207.5560, 3.6699, 36.3464



205.3230, -16.4282, 42.6897



193.1060, -1.0383, -40.4350



191.1420, 21.1290, -57.1295

Sweetspot

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



207.5560, 3.6699, 36.3464



242.0060, 0.9830, 11.3957



202.1630, 23.0906, 13.8890



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.



207.5560, 3.6699, 36.3464



203.8390, 4.5164, 44.8682



204.7230, -9.7234, 38.8309



116.5710, 0.7045, 7.3922



66.5430, 10.5783, 107.3948



21.5450, 3.6753, 34.6020

Inverse Universe

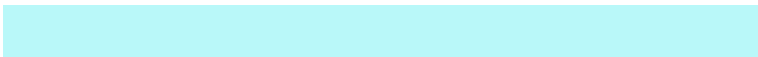
The Inverse Universe completely reimagines the original color for something new.



207.5560, 3.6699, 36.3464



203.8390, 4.5164, 44.8682



229.2770, 9.7234, -38.8309



116.5710, 0.7045, 7.3922



66.5430, 10.5783, 107.3948



21.5450, 3.6753, 34.6020

Previews

White Background



This preview shows how the YUV color 207.5560, 3.6699, 36.3464 looks on a white background.

Color Contrast Check

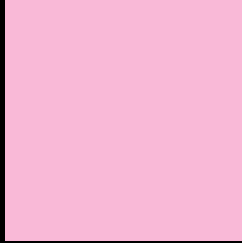
Large Text (above 18pt) WCAG AA × Fail

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 207.5560, 3.6699, 36.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

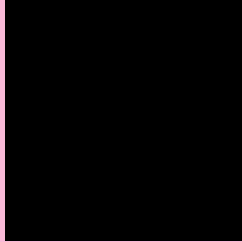
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 207.5560, 3.6699, 36.3464

Background



This preview shows how black text looks on a background with the YUV color 207.5560, 3.6699, 36.3464.



This preview shows how white text looks on a background with the YUV color 207.5560, 3.6699,

36.3464.

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

207.5560, 3.6699, 36.3464

Protanopia

204.3230, 10.1938, -2.9143

Deuteranopia

205.4020, 3.7458, 11.9254



Tritanopia

206.6500, -2.2924, 35.3870

Trichromacy



Original Color

207.5560, 3.6699, 36.3464



Protanomaly

205.4280, 7.6770, 11.0256



Deuteranomaly

206.4570, 3.7187, 20.6472



Tritanomaly

206.9320, 0.0335, 36.0166

Monochromacy



Original Color

207.5560, 3.6699, 36.3464



Achromatopsia

208.0000, 0.0000, 0.0000



Achromatomaly

208.1310, 1.4144, 13.0401

CSS Examples

Text

The CSS property to change the color of the text to YUV 207.5560, 3.6699, 36.3464 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(249, 185, 215)` looks like.

```
.text, #text, p{  
    color:rgb(249, 185, 215)  
}
```

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(249, 185, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 185, 215) }
```

Border

The CSS property to change the border of an element to YUV 207.5560, 3.6699, 36.3464 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(249, 185, 215) }
```


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

```
.border{ border-color:rgb(249, 185, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 185, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 185, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 185, 215);  
box-shadow:4px 4px 4px 4px rgb(249, 185,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 207.5560, 3.6699, 36.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 185, 215) }
```

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

```
.background{ background-color: rgb(249,  
185, 215) }
```

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