

Converting Colors

YUV(202.5890, 3.6536, 41.5794)

Have a look what the booklet for
YUV(202.5890, 3.6536, 41.5794)
contains.

YUV(202.5890, 3.6536, 41.5794)	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(202.5890, 3.6536,
41.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB1D2
RGB	250, 177, 210
RGB Percent	98%, 69%, 82%
CMY	0.0196, 0.3059, 0.1765
CMYK	0.00, 0.29, 0.16, 0.02
HSL	333°, 88%, 84%
HSV	333°, 29%, 98%
XYZ	66.7793, 56.4214, 68.3435
YIQ	202.5890, 32.9150, 25.7390

Conversions

Conversions Part 2

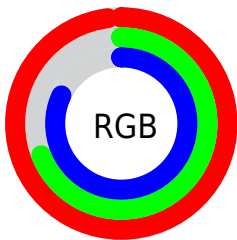
Format	Color
R _Y B	250, 177, 210
Decimal	16429522
CIE Lab	79.85, 31.34, -5.98
CIE LCh	80, 31.905, 349.201
Yxy	56.4214, 0.3486, 0.2946
Android (android.graphics.Color)	4294619602 (0xFF FAB1D2)
YUV	202.5890, 3.6536, 41.5794
Hunter-Lab	75.1142, 27.2434, -1.3658

Details

The YUV color $202.5890, 3.6536, 41.5794$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $224.4110, -3.6536, -41.5794$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.0860, 6.3666, 11.3256$, and $147.9800, 3.9539, 38.6055$ is the 20% darker color. If you saturate the color by 10%, you get $186.3180, 4.7732, 55.8491$, and if you desaturate by 10%, it is $218.8600, 2.5340, 27.3098$.

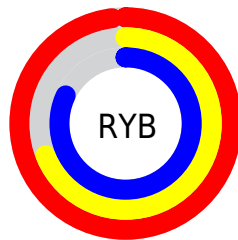
Distribution



Red (98%)

Green (69%)

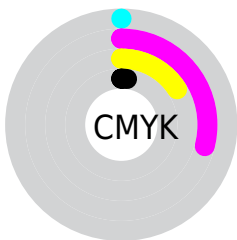
Blue (82%)



Red (98%)

Yellow (69%)

Blue (82%)

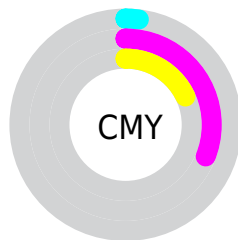


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5890, 3.6536, 41.5794 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 202.5890, 3.6536, 41.5794 by changing the saturation by 10% instead.

 202.5890, 3.6536,
41.5794


 202.5890, 3.6536,
41.5794


255.0000, 0.0000,
0.0000


 174.8770, 3.5116,
40.4499


 242.0860, 6.3666,
11.3256

 147.9800, 3.9539,
38.6055

 121.6810, 4.1013,
37.9908

 95.6700, 4.1067,
36.2464

 71.0720, 4.4015,
35.0169

 46.5880, 5.1331,
33.6873

 22.3430, 6.7329,

33.9022

■ 13.9690, 0.5083,
23.7062

■ 0.0000, 0.0000,
0.0000

■ 202.5890, 3.6536,
41.5794

■ 202.5890, 3.6536,
41.5794

■ 186.3180, 4.7732,
55.8491

■ 218.8600, 2.5340,
27.3098

■ 170.1610, 6.3296,
70.0188

■ 235.0170, 0.9776,
13.1401

■ 153.8900, 7.4492,
84.2885

■ 251.2880, -0.1420,
-1.1296

■ 137.6190, 8.5688,
98.5581

■ 253.5050, 0.7370,
-3.0739

■ 121.4620, 10.1252,
112.7278

■ 105.1910, 11.2448,
126.9975

■ 88.9200, 12.3644,
141.2672

■ 87.6320, 12.5064,
142.3967

Harmonies

Analogous

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



202.3010, 17.1066, 19.9070



202.5890, 3.6536, 41.5794



200.6640, -10.1874, 47.6527

Triad

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



202.5890, 3.6536, 41.5794



194.1490, -26.2025, 4.2543



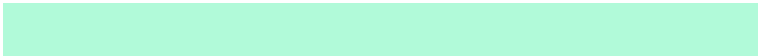
184.6340, 28.2814, -64.5770

Complementary

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



202.5890, 3.6536, 41.5794



224.4110, -3.6536, -41.5794

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.



182.5340, 16.4987, -65.3663



202.5890, 3.6536, 41.5794



190.9160, -16.2276, -21.8513

Square

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



202.5890, 3.6536, 41.5794



197.1350, -28.1676, 27.9456



186.2900, -0.1430, -47.6123



191.8740, 31.1211, -41.9855

Rectangle

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



202.5890, 3.6536, 41.5794



200.0740, -18.7705, 47.2931



186.2900, -0.1430, -47.6123



183.5150, 25.3821, -67.9807

Sweetspot

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



202.5890, 3.6536, 41.5794



240.0170, 0.9776, 13.1401



196.9830, 26.1374, 16.6779



118.2830, 0.8465, 8.5218



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.



202.5890, 3.6536, 41.5794



197.1710, 4.3527, 50.7160



200.0010, -11.3395, 43.8491



116.5710, 0.7045, 7.3922



66.2010, 9.2679, 107.6947



21.4310, 3.2385, 34.7020

Inverse Universe

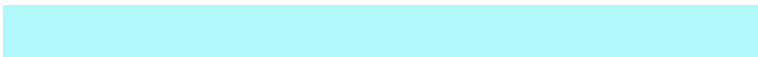
The Inverse Universe completely reimagines the original color for something new.



202.5890, 3.6536, 41.5794



197.1710, 4.3527, 50.7160



226.9990, 11.3395, -43.8491



116.5710, 0.7045, 7.3922



66.2010, 9.2679, 107.6947



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 202.5890, 3.6536, 41.5794 looks on a white background.

Color Contrast Check

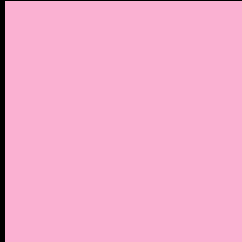
Large Text (above 18pt) WCAG AA × Fail

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 202.5890, 3.6536, 41.5794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

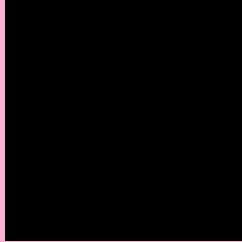
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.5890, 3.6536, 41.5794

Background



This preview shows how black text looks on a background with the YUV color 202.5890, 3.6536, 41.5794.



This preview shows how white text looks on a background with the YUV color 202.5890, 3.6536,

41.5794.

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

202.5890, 3.6536, 41.5794

Protanopia

199.2520, 11.2148, -3.7290

Deuteranopia

200.2880, 3.3090, 12.0254



Tritanopia

201.9280, -3.9085, 40.4051

Trichromacy



Original Color

202.5890, 3.6536, 41.5794



Protanomaly

200.6670, 8.5452, 12.5700



Deuteranomaly

201.3540, 3.2765, 22.4915



Tritanomaly

202.3240, -1.1457, 40.9349

Monochromacy



Original Color

202.5890, 3.6536, 41.5794



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

203.1420, 1.4090, 14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5890, 3.6536, 41.5794 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(250, 177, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 177, 210)  
}
```

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(250, 177, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 177, 210) }
```

Border

The CSS property to change the border of an element to YUV 202.5890, 3.6536, 41.5794 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(250, 177, 210) }
```


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

```
.border{ border-color:rgb(250, 177, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 177, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 177, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 177, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 177,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 202.5890, 3.6536, 41.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 177, 210) }
```

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

```
.background{ background-color: rgb(250,  
177, 210) }
```

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