

Converting Colors

YUV(203.2980, 15.1361,
45.3427)

Have a look what the booklet for
YUV(203.2980, 15.1361, 45.3427)
contains.

YUV(203.2980, 15.1361, 45.3427)	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(203.2980, 15.1361,
45.3427)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABEA
RGB	255, 171, 234
RGB Percent	100%, 67%, 92%
CMY	0.0000, 0.3294, 0.0824
CMYK	0.00, 0.33, 0.08, 0.00
HSL	315°, 100%, 84%
HSV	315°, 33%, 100%
XYZ	70.6542, 56.3263, 84.9901
YIQ	203.2980, 29.8410, 37.4010

Conversions

Conversions Part 2

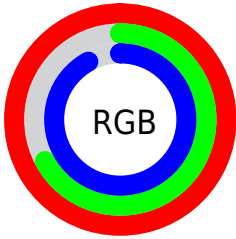
Format	Color
R _Y B	255, 171, 234
Decimal	16755690
CIE Lab	79.80, 40.01, -18.98
CIE LCh	80, 44.280, 334.624
Yxy	56.3263, 0.3333, 0.2657
Android (android.graphics.Color)	4294945770 (0xFFFFABEA)
YUV	203.2980, 15.1361, 45.3427
Hunter-Lab	75.0509, 36.7040, -14.6063

Details

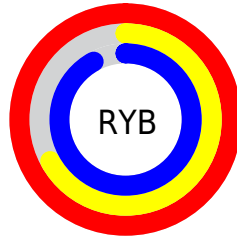
The YUV color **203.2980, 15.1361, 45.3427** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **222.7020, -15.1361, -45.3427**, and the grayscale version is **203.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5640, 8.1029, 14.4144**, and **147.8740, 14.8521, 43.0835** is the 20% darker color. If you saturate the color by 10%, you get **187.9390, 19.7501, 58.8125**, and if you desaturate by 10%, it is **218.6570, 10.5221, 31.8728**.

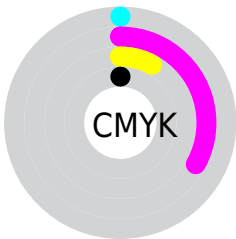
Distribution



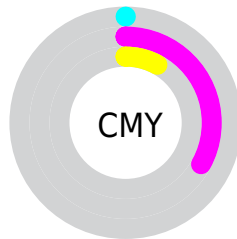
- Red (100%)
- Green (67%)
- Blue (92%)



- Red (100%)
- Yellow (67%)
- Blue (92%)



- Cyan (0%)
- Magenta (33%)
- Yellow (8%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 203.2980, 15.1361, 45.3427 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 203.2980, 15.1361, 45.3427 by changing the saturation by 10% instead.


 203.2980, 15.1361,
45.3427


 203.2980, 15.1361,
45.3427

255.0000, 0.0000,
0.0000


 175.5860, 14.9941,
44.2131


 238.5640, 8.1029,
14.4144

 147.8740, 14.8521,
43.0835

 121.1620, 14.7101,
41.9539

 95.4500, 14.5682,
40.8244

 69.8520, 14.8630,
39.5948

 42.9060, 16.3153,
40.4244

 25.1780, 13.7162,

34.0469

■ 16.5050, 7.6390,
23.2361

■ 0.3420, 1.3104,
-0.2999

■ 203.2980, 15.1361,
45.3427

■ 203.2980, 15.1361,
45.3427

■ 187.9390, 19.7501,
58.8125

■ 218.6570, 10.5221,
31.8728

■ 171.8790, 24.2167,
72.8971

■ 234.7170, 6.0555,
17.7882

■ 156.5200, 28.8306,
86.3670

■ 250.6630, 1.1521,
3.8035

■ 140.5740, 33.7340,
100.3516

■ 255.0000, 0.0000,
0.0000

■ 125.1010, 37.9112,
113.9214

■ 109.1550, 42.8146,
127.9061

■ 98.0190, 45.8396,
137.6723

Harmonies

Analogous

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



200.7540, 26.7433, 8.9857



203.2980, 15.1361, 45.3427



195.1020, -1.0363, 52.5305

Triad

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



203.2980, 15.1361, 45.3427



193.8170, -39.3498, 21.2085



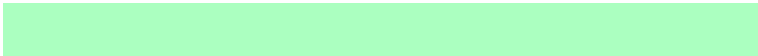
155.6680, 43.0547, -136.5208

Complementary

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



203.2980, 15.1361, 45.3427



222.7020, -15.1361, -45.3427

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.



169.9230, 16.3070, -97.2795



203.2980, 15.1361, 45.3427



189.6000, -30.3688, -12.8042

Square

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



203.2980, 15.1361, 45.3427



197.2040, -36.0896, 48.9331



182.8090, -10.7518, -51.5755



173.2480, 40.3037, -94.0565

Rectangle

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



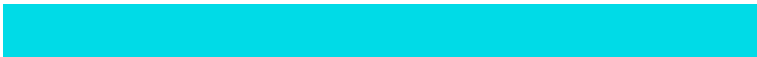
203.2980, 15.1361, 45.3427



193.1980, -13.4086, 54.2004



182.8090, -10.7518, -51.5755



154.8870, 37.5237, -135.8359

Sweetspot

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



203.2980, 15.1361, 45.3427



239.6410, 4.6140, 13.4698



186.8550, 33.5955, 4.5122



118.1520, 2.8831, 8.6367



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.



203.2980, 15.1361, 45.3427



192.2760, 18.5979, 55.0089



198.5100, -3.2094, 49.5417



119.9130, 2.0149, 7.0923



73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Inverse Universe

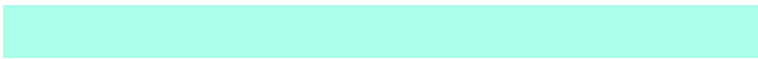
The Inverse Universe completely reimagines the original color for something new.



203.2980, 15.1361, 45.3427



192.2760, 18.5979, 55.0089



227.4900, 3.2094, -49.5417



119.9130, 2.0149, 7.0923



73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Previews

White Background



This preview shows how the YUV color 203.2980, 15.1361, 45.3427 looks on a white background.

Color Contrast Check

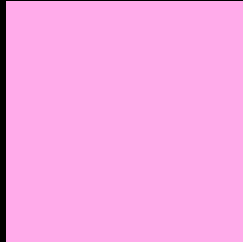
Large Text (above 18pt) WCAG AA × Fail

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 203.2980, 15.1361, 45.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

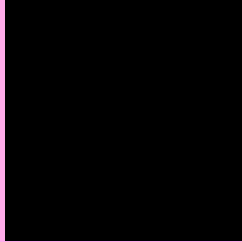
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 203.2980, 15.1361, 45.3427

Background



This preview shows how black text looks on a background with the YUV color 203.2980, 15.1361, 45.3427.



This preview shows how white text looks on a background with the YUV color 203.2980, 15.1361,

45.3427.

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

203.2980, 15.1361, 45.3427

Protanopia

198.6820, 25.7928, -12.8761

Deuteranopia

199.9090, 14.8349, 1.8338



Tritanopia

201.8250, -4.3507, 42.2495

Trichromacy



Original Color

203.2980, 15.1361, 45.3427



Protanomaly

200.4890, 21.9439, 8.3411



Deuteranomaly

201.0080, 14.7861, 17.5330



Tritanomaly

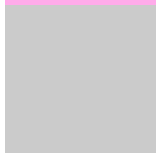
202.3720, 2.7746, 43.5238

Monochromacy



Original Color

203.2980, 15.1361, 45.3427



Achromatopsia

203.0000, 0.0000, 0.0000



Achromatomaly

202.8910, 5.4767, 16.7586

CSS Examples

Text

The CSS property to change the color of the text to YUV 203.2980, 15.1361, 45.3427 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(255, 171, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 234)  
}
```

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(255, 171, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 234) }
```

Border

The CSS property to change the border of an element to YUV 203.2980, 15.1361, 45.3427 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(255, 171, 234) }
```


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

```
.border{ border-color:rgb(255, 171, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 203.2980, 15.1361, 45.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 234) }
```

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

```
.background{ background-color: rgb(255,  
171, 234) }
```

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