

Converting Colors

YUV(205.3470, 14.1259,
42.6687)

Have a look what the booklet for
YUV(205.3470, 14.1259, 42.6687)
contains.

YUV(205.3470, 14.1259, 42.6687)	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(205.3470, 14.1259,
42.6687)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAFEA
RGB	254, 175, 234
RGB Percent	100%, 69%, 92%
CMY	0.0039, 0.3137, 0.0824
CMYK	0.00, 0.31, 0.08, 0.00
HSL	315°, 98%, 84%
HSV	315°, 31%, 100%
XYZ	71.0543, 57.6713, 85.2286
YIQ	205.3470, 28.1450, 35.0970

Conversions

Conversions Part 2

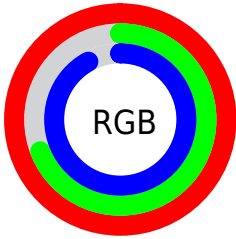
Format	Color
R _Y B	254, 175, 234
Decimal	16691178
CIE Lab	80.56, 37.60, -17.84
CIE LCh	81, 41.620, 334.612
Yxy	57.6713, 0.3321, 0.2695
Android (android.graphics.Color)	4294881258 (0xFFFEAFEAE)
YUV	205.3470, 14.1259, 42.6687
Hunter-Lab	75.9416, 34.1146, -13.3815

Details

The YUV color $205.3470, 14.1259, 42.6687$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $223.6530, -14.1259, -42.6687$, and the grayscale version is $205.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.9120, 6.9454, 12.3552$, and $149.9230, 13.8420, 40.4095$ is the 20% darker color. If you saturate the color by 10%, you get $189.9880, 18.7399, 56.1385$, and if you desaturate by 10%, it is $220.7060, 9.5119, 29.1988$.

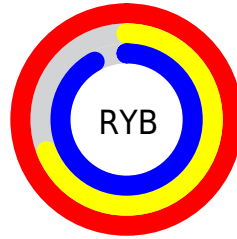
Distribution



Red (100%)

Green (69%)

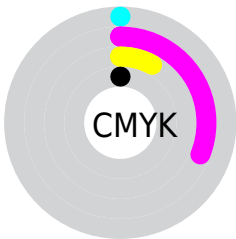
Blue (92%)



Red (100%)

Yellow (69%)

Blue (92%)

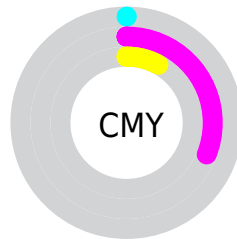


Cyan (0%)

Magenta (31%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 205.3470, 14.1259, 42.6687 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 205.3470, 14.1259, 42.6687 by changing the saturation by 10% instead.


 205.3470, 14.1259,
42.6687


 205.3470, 14.1259,
42.6687


255.0000, 0.0000,
0.0000


 177.6350, 13.9839,
41.5391


 240.9120, 6.9454,
12.3552

 149.9230, 13.8420,
40.4095

 123.7980, 13.4106,
38.7652

 97.4990, 13.5580,
38.1504

 72.7870, 13.4160,
37.0208

 47.0150, 14.2896,
36.8208

 25.1780, 13.7162,

34.0469

■ 16.5050, 7.6390,
23.2361

■ 0.4560, 1.7472,
-0.3999

■ 205.3470, 14.1259,
42.6687

■ 205.3470, 14.1259,
42.6687

■ 189.9880, 18.7399,
56.1385

■ 220.7060, 9.5119,
29.1988

■ 173.9280, 23.2065,
70.2231

■ 236.7660, 5.0454,
15.1142

■ 158.5690, 27.8205,
83.6930

■ 252.1250, 0.4314,
1.6444

■ 142.5090, 32.2871,
97.7776

■ 254.7010, 0.1474,
-0.6148

■ 127.1500, 36.9010,
111.2475

■ 111.6770, 41.0782,
124.8173

■ 97.6060, 45.5502,
137.1575

Harmonies

Analogous

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



202.8140, 25.7277, 8.0561



205.3470, 14.1259, 42.6687



198.2650, -1.6096, 49.7566

Triad

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



205.3470, 14.1259, 42.6687



197.0880, -37.0184, 20.0938



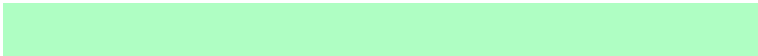
167.9160, 37.0164, -113.0593

Complementary

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



205.3470, 14.1259, 42.6687



223.6530, -14.1259, -42.6687

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.



176.7180, 13.9430, -85.6987



205.3470, 14.1259, 42.6687



192.4690, -28.3322, -12.6893

Square

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



205.3470, 14.1259, 42.6687



199.6490, -34.3370, 46.7888



185.9450, -10.3259, -48.1868



180.1140, 36.9188, -81.6610

Rectangle

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



205.3470, 14.1259, 42.6687



196.4750, -13.5452, 51.3264



185.9450, -10.3259, -48.1868



168.9290, 30.6010, -108.6857

Sweetspot

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



205.3470, 14.1259, 42.6687



240.8150, 4.0352, 12.4402



189.9860, 31.5589, 4.3973



118.7390, 2.5937, 8.1219



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.



205.3470, 14.1259, 42.6687



197.0860, 16.7196, 50.7906



200.9010, -2.9092, 46.5678



119.9130, 2.0149, 7.0923



73.4110, 34.3074, 103.1256



24.6080, 11.5323, 34.5468

Inverse Universe

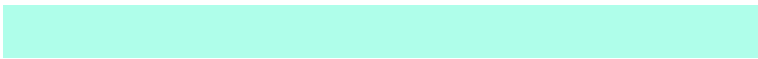
The Inverse Universe completely reimagines the original color for something new.



205.3470, 14.1259, 42.6687



197.0860, 16.7196, 50.7906



228.0990, 2.9092, -46.5678



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 205.3470, 14.1259, 42.6687 looks on a white background.

Color Contrast Check

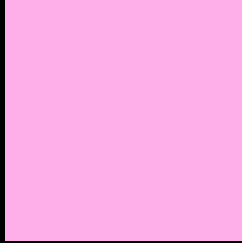
Large Text (above 18pt) WCAG AA × Fail

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 205.3470, 14.1259, 42.6687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

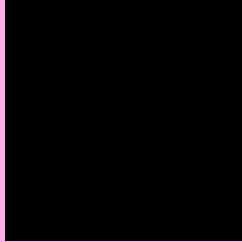
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.3470, 14.1259, 42.6687

Background



This preview shows how black text looks on a background with the YUV color 205.3470, 14.1259, 42.6687.



This preview shows how white text looks on a background with the YUV color 205.3470, 14.1259,

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

205.3470, 14.1259, 42.6687

Protanopia

200.9380, 24.1876, -11.3466

Deuteranopia

201.9800, 13.8139, 2.6485



Tritanopia

203.6290, -3.7611, 39.7904

Trichromacy



Original Color

205.3470, 14.1259, 42.6687



Protanomaly

202.7340, 20.3441, 8.1263



Deuteranomaly

203.3670, 13.6231, 17.2181



Tritanomaly

204.0620, 2.9274, 41.1646

Monochromacy



Original Color

205.3470, 14.1259, 42.6687



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

205.1790, 5.3348, 15.6290

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.3470, 14.1259, 42.6687 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(254, 175, 234)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 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(254, 175, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 234) }
```

Border

The CSS property to change the border of an element to YUV 205.3470, 14.1259, 42.6687 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(254, 175, 234) }
```


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

```
.border{ border-color:rgb(254, 175, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 234);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 205.3470, 14.1259, 42.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 234) }
```

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

```
.background{ background-color: rgb(254,  
175, 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