

Converting Colors

YUV(205.1050, 24.5982,
43.7579)

Have a look what the booklet for
YUV(205.1050, 24.5982, 43.7579)
contains.

YUV(205.1050, 24.5982, 43.7579)	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(205.1050, 24.5982,
43.7579)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAFF
RGB	255, 170, 255
RGB Percent	100%, 67%, 100%
CMY	0.0000, 0.3333, 0.0000
CMYK	0.00, 0.33, 0.00, 0.00
HSL	300°, 100%, 83%
HSV	300°, 33%, 100%
XYZ	73.6647, 57.2295, 101.7716
YIQ	205.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

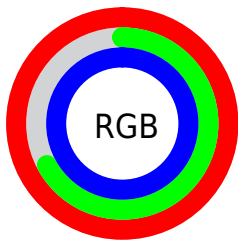
Format	Color
RYB	255, 170, 255
Decimal	16755455
CIELab	80.31, 44.16, -29.50
CIELCh	80, 53.103, 326.256
Yxy	57.2295, 0.3166, 0.2460
Android (android.graphics.Color)	4294945535 (0xFFFFAAFF)
YUV	205.1050, 24.5982, 43.7579
Hunter-Lab	75.6501, 41.4275, -26.8073

Details

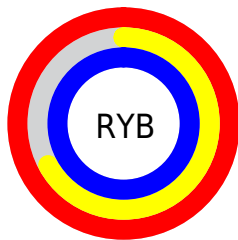
The YUV color **205.1050, 24.5982, 43.7579** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **219.8950, -24.5982, -43.7579**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **149.5670, 23.8775, 41.5987** is the 20% darker color. If you saturate the color by 10%, you get **190.4300, 31.8330, 56.6279**, and if you desaturate by 10%, it is **219.7800, 17.3635, 30.8879**.

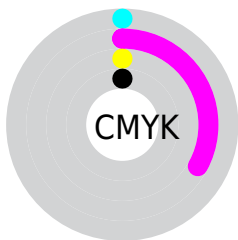
Distribution



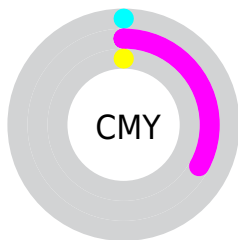
- Red (100%)
- Green (67%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the YUV color 205.1050, 24.5982, 43.7579 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 205.1050, 24.5982, 43.7579 by changing the saturation by 10% instead.


 205.1050, 24.5982,
43.7579


 205.1050, 24.5982,
43.7579

255.0000, 0.0000,
0.0000


 177.2790, 24.0195,
42.7283

 237.9770, 8.3923,
14.9292

 149.5670, 23.8775,
41.5987

 122.8550, 23.7355,
40.4692

 96.7300, 23.3041,
38.8248

 70.7300, 23.3041,
38.8248

 41.9090, 25.1879,
41.2988

 26.7030, 20.8524,

31.8325

■ 17.9160, 14.3384,
21.1217

■ 2.8500, 10.9200,
-2.4994

■ 205.1050, 24.5982,
43.7579

■ 205.1050, 24.5982,
43.7579

■ 190.4300, 31.8330,
56.6279

■ 219.7800, 17.3635,
30.8879

■ 175.1680, 39.3572,
70.0127

■ 235.0420, 9.8393,
17.5032

■ 160.4930, 46.5920,
82.8826

■ 250.3040, 2.3151,
4.1184

■ 145.2310, 54.1161,
96.2674

■ 255.0000, 0.0000,
0.0000

■ 129.9690, 61.6403,
109.6522

■ 115.2940, 68.8751,
122.5222

■ 105.3150, 73.7947,
131.2737

Harmonies

Analogous

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



198.0190, 28.0916, -3.5247



205.1050, 24.5982, 43.7579



193.2900, 7.2520, 54.1197

Triad

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



205.1050, 24.5982, 43.7579



195.3150, -47.9763, 34.8037



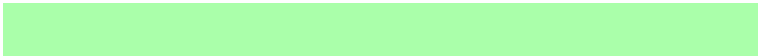
159.0760, 40.8815, -139.5097

Complementary

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



205.1050, 24.5982, 43.7579



219.8950, -24.5982, -43.7579

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.



153.2620, 18.6048, -134.4108



205.1050, 24.5982, 43.7579



190.1960, -41.0156, -4.5569

Square

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



205.1050, 24.5982, 43.7579



193.0090, -36.9794, 54.3661



182.1160, -19.7772, -50.0907



157.0360, 48.2963, -137.7206

Rectangle

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



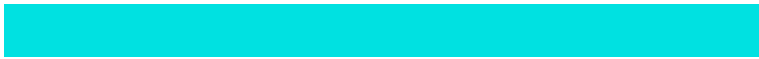
205.1050, 24.5982, 43.7579



189.4140, -7.5991, 57.5189



182.1160, -19.7772, -50.0907



157.7250, 33.1666, -138.3248

Sweetspot

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



205.1050, 24.5982, 43.7579



240.3250, 7.2348, 12.8700



179.6900, 37.1278, -8.4981



118.6080, 4.6303, 8.2368



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.



205.1050, 24.5982, 43.7579



195.1260, 29.5179, 52.5095



200.2030, 5.8159, 48.0570



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

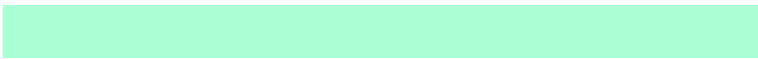
The Inverse Universe completely reimagines the original color for something new.



205.1050, 24.5982, 43.7579



195.1260, 29.5179, 52.5095



224.6830, -6.2527, -47.9570



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 205.1050, 24.5982, 43.7579 looks on a white background.

Color Contrast Check

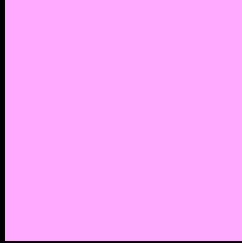
Large Text (above 18pt) WCAG AA × Fail

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 205.1050, 24.5982, 43.7579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

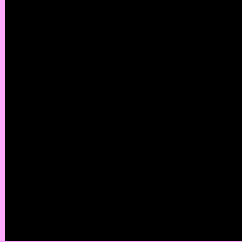
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 205.1050, 24.5982, 43.7579

Background



This preview shows how black text looks on a background with the YUV color 205.1050, 24.5982, 43.7579.



This preview shows how white text looks on a background with the YUV color 205.1050, 24.5982,

43.7579.

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

205.1050, 24.5982, 43.7579

Protanopia

200.3120, 26.9612, -14.3056

Deuteranopia

201.2590, 24.0293, -7.2431



Tritanopia

203.0310, -3.4663, 38.5608

Trichromacy



Original Color

205.1050, 24.5982, 43.7579



Protanomaly

202.2160, 26.0225, 6.8266



Deuteranomaly

203.0810, 24.1171, 11.3300



Tritanomaly

203.9740, 6.4218, 40.3648

Monochromacy



Original Color

205.1050, 24.5982, 43.7579



Achromatopsia

205.0000, 0.0000, 0.0000



Achromatomaly

204.8030, 8.9711, 15.9588

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.1050, 24.5982, 43.7579 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, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 255)  
}
```

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, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 255) }
```

Border

The CSS property to change the border of an element to YUV 205.1050, 24.5982, 43.7579 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, 170, 255) }
```


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

```
.border{ border-color:rgb(255, 170, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 205.1050, 24.5982, 43.7579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 255) }
```

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

```
.background{ background-color: rgb(255,  
170, 255) }
```

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