

Converting Colors

YUV(204.2270, 16.1571,
44.5279)

Have a look what the booklet for
YUV(204.2270, 16.1571, 44.5279)
contains.

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Color

**YUV(204.2270, 16.1571,
44.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACED
RGB	255, 172, 237
RGB Percent	100%, 67%, 93%
CMY	0.0000, 0.3255, 0.0706
CMYK	0.00, 0.33, 0.07, 0.00
HSL	313°, 100%, 84%
HSV	313°, 33%, 100%
XYZ	71.2786, 56.8795, 87.3428
YIQ	204.2270, 28.6030, 37.8110

Conversions

Conversions Part 2

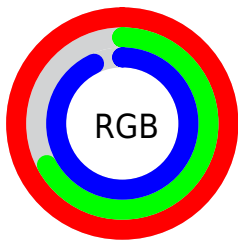
Format	Color
R_{YB}	255, 172, 237
Decimal	16755949
CIE _{Lab}	80.11, 39.99, -20.12
CIE _{LCh}	80, 44.768, 333.291
Yxy	56.8795, 0.3308, 0.2639
Android (android.graphics.Color)	4294946029 (0xFFFFACED)
YUV	204.2270, 16.1571, 44.5279
Hunter-Lab	75.4185, 36.7194, -15.8713

Details

The YUV color $204.2270, 16.1571, 44.5279$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $222.7730, -16.1571, -44.5279$, and the grayscale version is $204.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.1510, 7.8136, 13.8996$, and $148.8030, 15.8731, 42.2688$ is the 20% darker color. If you saturate the color by 10%, you get $188.8680, 20.7711, 57.9978$, and if you desaturate by 10%, it is $220.1730, 11.2537, 30.5433$.

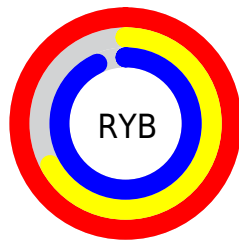
Distribution



Red (100%)

Green (67%)

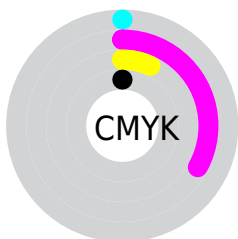
Blue (93%)



Red (100%)

Yellow (67%)

Blue (93%)

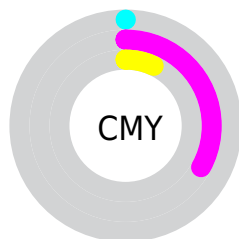


Cyan (0%)

Magenta (33%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 204.2270, 16.1571, 44.5279 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 204.2270, 16.1571, 44.5279 by changing the saturation by 10% instead.


 204.2270, 16.1571,
44.5279


 204.2270, 16.1571,
44.5279


255.0000, 0.0000,
0.0000


 176.5150, 16.0151,
43.3983


 239.1510, 7.8136,
13.8996

 148.8030, 15.8731,
42.2688

 122.0910, 15.7311,
41.1392

 96.3790, 15.5892,
40.0096

 70.7810, 15.8840,
38.7801

 43.8350, 17.3363,
39.6097

 25.5200, 15.0266,

33.7470

■ 16.7330, 8.5126,
23.0362

■ 0.7980, 3.0576,
-0.6998

■ 204.2270, 16.1571,
44.5279

■ 204.2270, 16.1571,
44.5279

■ 188.8680, 20.7711,
57.9978

■ 220.1730, 11.2537,
30.5433

■ 173.0360, 26.1113,
71.8824

■ 235.4180, 6.2029,
17.1734

■ 157.6770, 30.7252,
85.3523

■ 251.3640, 1.2995,
3.1888

■ 141.8450, 36.0654,
99.2369

■ 255.0000, 0.0000,
0.0000

■ 126.4860, 40.6794,
112.7068

■ 110.6540, 46.0196,
126.5914

■ 99.0450, 49.7708,
136.7725

Harmonies

Analogous

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



200.7430, 26.7487, 7.2414



204.2270, 16.1571, 44.5279



196.0310, -0.0153, 51.7158

Triad

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



204.2270, 16.1571, 44.5279



195.3010, -40.0814, 22.5380



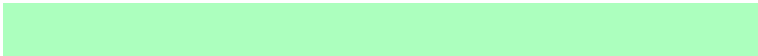
156.2550, 42.7653, -137.0356

Complementary

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



204.2270, 16.1571, 44.5279



222.7730, -16.1571, -44.5279

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.



170.9940, 15.2860, -96.4647



204.2270, 16.1571, 44.5279



190.6710, -31.3898, -11.9895

Square

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



204.2270, 16.1571, 44.5279



197.9160, -35.9476, 50.0627



183.8800, -11.7728, -50.7608



171.7420, 41.0462, -98.8747

Rectangle

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



204.2270, 16.1571, 44.5279



194.0130, -12.8244, 53.4856



183.8800, -11.7728, -50.7608



155.3600, 36.7975, -136.2507

Sweetspot

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



204.2270, 16.1571, 44.5279



239.6410, 4.6140, 13.4698



186.8440, 33.6009, 2.7678



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.



204.2270, 16.1571, 44.5279



194.3790, 19.0402, 53.1646



199.5530, -1.7516, 48.6270



120.0270, 2.4517, 6.9923



74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468

Inverse Universe

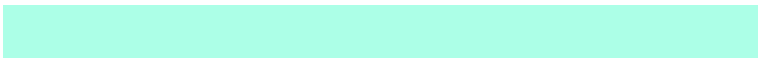
The Inverse Universe completely reimagines the original color for something new.



204.2270, 16.1571, 44.5279



194.3790, 19.0402, 53.1646



227.4470, 1.7516, -48.6270



120.0270, 2.4517, 6.9923



74.2090, 37.3650, 102.4257



24.8360, 12.4059, 34.3468

Previews

White Background



This preview shows how the YUV color 204.2270, 16.1571, 44.5279 looks on a white background.

Color Contrast Check

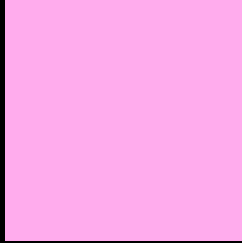
Large Text (above 18pt) WCAG AA × Fail

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 204.2270, 16.1571, 44.5279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

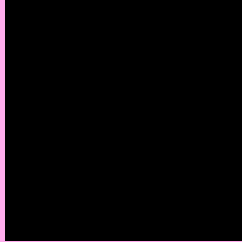
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 204.2270, 16.1571, 44.5279

Background



This preview shows how black text looks on a background with the YUV color 204.2270, 16.1571, 44.5279.



This preview shows how white text looks on a background with the YUV color 204.2270, 16.1571,

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

204.2270, 16.1571, 44.5279

Protanopia

199.6110, 26.8138, -13.6908

Deuteranopia

200.8380, 15.8559, 1.0191



Tritanopia

202.5260, -4.2033, 41.6347

Trichromacy



Original Color

204.2270, 16.1571, 44.5279



Protanomaly

201.4180, 22.9649, 7.5264



Deuteranomaly

201.9370, 15.8071, 16.7183



Tritanomaly

203.1870, 3.3588, 42.8090

Monochromacy



Original Color

204.2270, 16.1571, 44.5279



Achromatopsia

204.0000, 0.0000, 0.0000



Achromatomaly

204.0050, 5.9135, 16.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.2270, 16.1571, 44.5279 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, 172, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 237)  
}
```

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, 172, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 237) }
```

Border

The CSS property to change the border of an element to YUV 204.2270, 16.1571, 44.5279 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, 172, 237) }
```


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

```
.border{ border-color:rgb(255, 172, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 204.2270, 16.1571, 44.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 237) }
```

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

```
.background{ background-color: rgb(255,  
172, 237) }
```

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](#).

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