

Converting Colors

Yxy(61.7932, 0.3156, 0.2717)

Have a look what the booklet for
Yxy(61.7932, 0.3156, 0.2717)
contains.

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Color

Yxy(61.7312, 0.3154, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	F4BCF4
RGB	244, 188, 244
RGB Percent	96%, 74%, 96%
CMY	0.0430, 0.2628, 0.0430
CMYK	0.00, 0.23, 0.00, 0.04
HSL	300°, 72%, 85%
HSV	300°, 23%, 96%
XYZ	71.6336, 61.7312, 93.7551
YIQ	211.1280, 15.4000, 29.2880

Conversions

Conversions Part 2

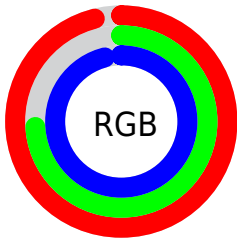
Format	Color
R_{YB}	244, 188, 244
Decimal	16039156
CIE _{Lab}	82.77, 29.29, -19.98
CIE _{LCh}	83, 35.451, 325.698
Yxy	61.7312, 0.3154, 0.2718
Android (android.graphics.Color)	4294229236 (0xFFF4BCF4)
YUV	211.1280, 16.2059, 28.8287
Hunter-Lab	78.5692, 25.2471, -15.7512

Details

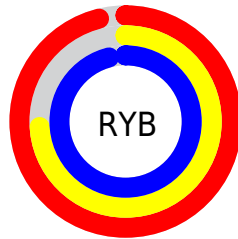
The Yxy color **61.7312, 0.3154, 0.2718** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.0429, 0.3097, 0.3937**, and the grayscale version is **65.1173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.2458, 0.3150, 0.2584** is the 20% darker color. If you saturate the color by 10%, you get **52.1751, 0.3166, 0.2470**, and if you desaturate by 10%, it is **73.0555, 0.3142, 0.2970**.

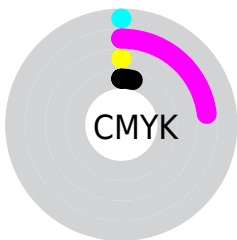
Distribution



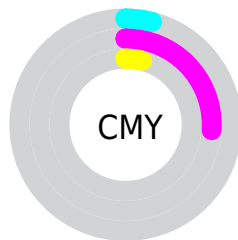
- Red (96%)
- Green (74%)
- Blue (96%)



- Red (96%)
- Yellow (74%)
- Blue (96%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)




- Cyan (4%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7312, 0.3154, 0.2718 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 Yxy color 61.7312, 0.3154, 0.2718 by changing the saturation by 10% instead.


 61.7312, 0.3154,
0.2718

 61.7312, 0.3154,
0.2718

430.9499, 0.3147,
0.2977

 44.8155, 0.3155,
0.2660

 107.3369, 0.3152,
0.2807

 31.3122, 0.3155,
0.2590


136.7958, 0.3151,
0.2842

 20.8367, 0.3154,
0.2501


171.2046, 0.3151,
0.2872

 13.0047, 0.3151,
0.2388

210.9475, 0.3150,
0.2898

 7.4318, 0.3145,
0.2237

256.4092, 0.3149,
0.2922

 3.7336, 0.3130,
0.2029


307.9739, 0.3148,

 1.5257, 0.3095,


0.2942

0.1724


366.0260, 0.3147,
0.2961


 0.3067, 0.3106,
0.0936


 0.0000, 0.0000,
0.0000


 61.7312, 0.3154,
0.2718


 61.7312, 0.3154,
0.2718

 52.1751, 0.3166,
0.2470


 73.0555, 0.3142,
0.2970


 44.2904, 0.3177,
0.2236

 86.2222, 0.3131,
0.3218

 37.9836, 0.3187,
0.2025

 97.2934, 0.3122,
0.3397

 33.1485, 0.3195,
0.1847

 97.2934, 0.3122,
0.3397

 29.6660, 0.3201,
0.1708

 97.2934, 0.3122,
0.3397


 27.3985, 0.3206,
0.1613


 97.2934, 0.3122,
0.3397

 26.1792, 0.3208,
0.1560

 97.2935, 0.3122,
0.3397

 25.7732, 0.3209,
0.1542

 97.2935, 0.3122,
0.3397

 97.2935, 0.3122,
0.3397

Harmonies

Analogous

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



61.7312, 0.2724, 0.2577



61.7312, 0.3154, 0.2718



61.7312, 0.3606, 0.2987

Triad

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



61.7312, 0.3154, 0.2718



61.7312, 0.3858, 0.3984



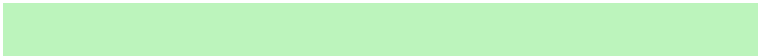
61.7312, 0.2378, 0.3161

Complementary

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



61.7312, 0.3154, 0.2718



79.0429, 0.3097, 0.3937

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.



61.7312, 0.2644, 0.3608



61.7312, 0.3154, 0.2718



61.7312, 0.3496, 0.4107

Square

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



61.7312, 0.3154, 0.2718



61.7312, 0.4026, 0.3692



61.7312, 0.3050, 0.3974



61.7312, 0.2301, 0.2797

Rectangle

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



61.7312, 0.3154, 0.2718



61.7312, 0.3848, 0.3212



61.7312, 0.3050, 0.3974



61.7312, 0.2447, 0.3308

Sweetspot

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



61.7339, 0.3154, 0.2718



89.1353, 0.3135, 0.3118



53.1840, 0.2736, 0.2643



18.8885, 0.3136, 0.3103



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7339, 0.3154, 0.2718



62.5950, 0.3160, 0.2591



60.1585, 0.3370, 0.2995



16.7683, 0.3138, 0.3057



14.0094, 0.3209, 0.1542



1.2313, 0.3209, 0.1542

Inverse Universe

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



61.7339, 0.3154, 0.2718



62.5950, 0.3160, 0.2591



80.3711, 0.2938, 0.3606



16.7683, 0.3138, 0.3057



14.0094, 0.3209, 0.1542



1.2313, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 61.7312, 0.3154, 0.2718 looks on a white background.

Color Contrast Check

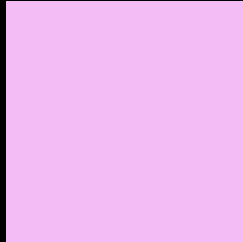
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 61.7312, 0.3154, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

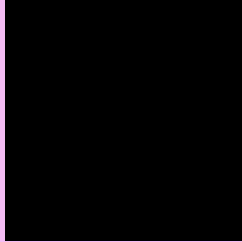
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7312, 0.3154, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 61.7312, 0.3154, 0.2718.



This preview shows how white text looks on a background with the Yxy color 61.7312, 0.3154, 0.2718.

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

61.7312, 0.3154, 0.2718

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

61.6795, 0.2912, 0.2848



Tritanopia

61.5377, 0.3377, 0.3130

Trichromacy



Original Color

61.7312, 0.3154, 0.2718



Protanomaly

61.3503, 0.2868, 0.2717



Deuteranomaly

61.4203, 0.2999, 0.2796



Tritanomaly

61.6740, 0.3294, 0.2974

Monochromacy



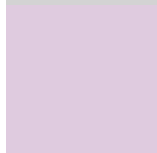
Original Color

61.7312, 0.3154, 0.2718



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.7276, 0.3137, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7312, 0.3154, 0.2718 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(244, 188, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 188, 244)  
}
```

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(244, 188, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 188, 244) }
```

Border

The CSS property to change the border of an element to Yxy 61.7312, 0.3154, 0.2718 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(244, 188, 244) }
```

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

```
.border{ border-color:rgb(244, 188, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 188, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 188, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 188, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 188,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7312, 0.3154, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 188, 244) }
```

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

```
.background{ background-color: rgb(244,  
188, 244) }
```

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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