

Converting Colors

$Y_{xy}(64.7335, 0.2901, 0.2281)$

Have a look what the booklet for
Yxy(64.7335, 0.2901, 0.2281)
contains.

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Color

Yxy(62.1578, 0.3153, 0.2583)

Conversions

Conversions Part 1

Format	Color
Hex	FEB7FF
RGB	254, 183, 255
RGB Percent	100%, 72%, 100%
CMY	0.0037, 0.2824, 0.0000
CMYK	0.00, 0.28, 0.00, 0.00
HSL	299°, 100%, 86%
HSV	299°, 28%, 100%
XYZ	75.8744, 62.1578, 102.6097
YIQ	212.4370, 19.2040, 37.4440

Conversions

Conversions Part 2

Format	Color
RYB	254, 183, 255
Decimal	16693247
CIELab	83.00, 37.11, -25.40
CIElCh	83, 44.972, 325.616
Yxy	62.1578, 0.3153, 0.2583
Android (android.graphics.Color)	4294883327 (0xFFFE87FF)
YUV	212.4370, 20.9836, 36.4508
Hunter-Lab	78.8402, 33.8148, -21.9771

Details

The Yxy color $62.1578, 0.3153, 0.2583$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85.1172, 0.3094, 0.4112$, and the grayscale version is $65.9952, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $31.5135, 0.3147, 0.2430$ is the 20% darker color. If you saturate the color by 10%, you get $52.5161, 0.3161, 0.2339$, and if you desaturate by 10%, it is $73.7098, 0.3144, 0.2835$.

Distribution



- Red (100%)
- Green (72%)
- Blue (100%)



- Red (100%)
- Yellow (72%)
- Blue (100%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1578, 0.3153, 0.2583 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 62.1578, 0.3153, 0.2583 by changing the saturation by 10% instead.


 62.1578, 0.3153,
0.2583

 62.1578, 0.3153,
0.2583

432.5065, 0.3149,
0.2898

 45.1602, 0.3152,
0.2514


 107.9536, 0.3153,
0.2690

 31.5836, 0.3150,
0.2430


137.5205, 0.3153,
0.2732

 21.0437, 0.3147,
0.2327


172.0461, 0.3152,
0.2769

 13.1559, 0.3140,
0.2195

211.9146, 0.3151,
0.2801

 7.5360, 0.3127,
0.2024

257.5105, 0.3151,
0.2830

 3.7995, 0.3101,
0.1793


309.2182, 0.3150,


 1.5621, 0.3046,


0.2855


0.1469


367.4221, 0.3149,
0.2878

 0.3318, 0.2987,
0.0774

 0.0000, 0.1537,
0.0000

 62.1578, 0.3153,
0.2583


 62.1578, 0.3153,
0.2583

 52.5161, 0.3161,
0.2339


 73.7098, 0.3144,
0.2835

 44.6745, 0.3168,
0.2114

 87.2602, 0.3135,
0.3087

 38.5228, 0.3174,
0.1917

100.0000, 0.3127,
0.3290

 33.9355, 0.3177,
0.1756

■ 30.7701, 0.3179,
0.1638

■ 28.8578, 0.3179,
0.1563

■ 27.9659, 0.3177,
0.1528

■ 27.8579, 0.3176,
0.1523

Harmonies

Analogous

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



62.1578, 0.2618, 0.2409



62.1578, 0.3153, 0.2583



62.1578, 0.3730, 0.2908

Triad

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



62.1578, 0.3153, 0.2583



62.1578, 0.4040, 0.4149



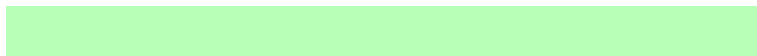
62.1578, 0.2195, 0.3116

Complementary

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



62.1578, 0.3153, 0.2583



85.1172, 0.3094, 0.4112

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.



62.1578, 0.2518, 0.3696



62.1578, 0.3153, 0.2583



62.1578, 0.3579, 0.4331

Square

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



62.1578, 0.3153, 0.2583



62.1578, 0.4262, 0.3770



62.1578, 0.3021, 0.4175



62.1578, 0.2105, 0.2663

Rectangle

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



62.1578, 0.3153, 0.2583



62.1578, 0.4041, 0.3181



62.1578, 0.3021, 0.4175



62.1578, 0.2278, 0.3304

Sweetspot

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



62.1602, 0.3153, 0.2583



87.6177, 0.3135, 0.3093



51.6386, 0.2631, 0.2482



18.2877, 0.3136, 0.3056



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.



62.1602, 0.3153, 0.2583



56.3834, 0.3158, 0.2441



60.2943, 0.3433, 0.2911



18.2877, 0.3136, 0.3056



14.5619, 0.3177, 0.1524



1.4215, 0.3181, 0.1526

Inverse Universe

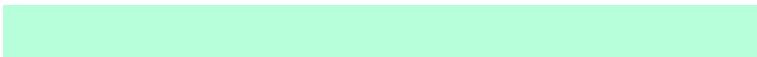
The Inverse Universe completely reimagines the original color for something new.



58.5739, 0.3744, 0.3282



52.2567, 0.3924, 0.3281



86.6352, 0.2904, 0.3704



17.9909, 0.3293, 0.3287



11.1142, 0.6388, 0.3292



1.0834, 0.6356, 0.3275

Previews

White Background



This preview shows how the Yxy color 62.1578, 0.3153, 0.2583 looks on a white background.

Color Contrast Check

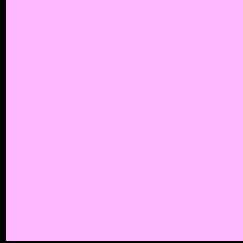
Large Text (above 18pt) WCAG AA × Fail

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 62.1578, 0.3153, 0.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

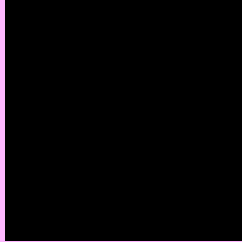
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1578, 0.3153, 0.2583

Background



This preview shows how black text looks on a background with the Yxy color 62.1578, 0.3153, 0.2583.

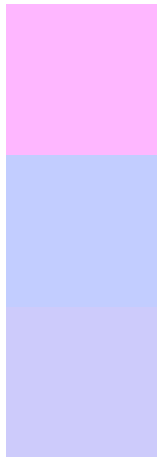


This preview shows how white text looks on a background with the Yxy color 62.1578, 0.3153, 0.2583.

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

62.1578, 0.3153, 0.2583

Protanopia

62.3520, 0.2727, 0.2737

Deuteranopia

62.6560, 0.2822, 0.2765



Tritanopia

61.9784, 0.3461, 0.3133

Trichromacy



Original Color

62.1578, 0.3153, 0.2583



Protanomaly

61.7514, 0.2870, 0.2672



Deuteranomaly

62.1961, 0.2939, 0.2699



Tritanomaly

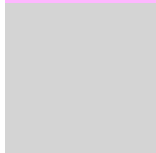
62.1010, 0.3354, 0.2930

Monochromacy



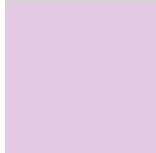
Original Color

62.1578, 0.3153, 0.2583



Achromatopsia

65.8375, 0.3127, 0.3290



Achromatomaly

63.7056, 0.3133, 0.2998

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1578, 0.3153, 0.2583 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, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 183, 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(254, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 183, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.1578, 0.3153, 0.2583 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, 183, 255) }
```

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

```
.border{ border-color:rgb(254, 183, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 183, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 183, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 183,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1578, 0.3153, 0.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 183, 255) }
```

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

```
.background{ background-color: rgb(254,  
183, 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](#).

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