

Converting Colors

Yxy(65.2688, 0.3165, 0.2664)

Have a look what the booklet for
Yxy(65.2688, 0.3165, 0.2664)
contains.

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Color

Yxy(65.2427, 0.3164, 0.2662)

Conversions

Conversions Part 1

Format	Color
Hex	FFBEFE
RGB	255, 190, 254
RGB Percent	100%, 75%, 100%
CMY	0.0000, 0.2549, 0.0038
CMYK	0.00, 0.25, 0.00, 0.00
HSL	301°, 100%, 87%
HSV	301°, 25%, 100%
XYZ	77.5462, 65.2427, 102.3002
YIQ	216.7310, 18.1960, 33.6840

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 190, 254
Decimal	16760574
CIE Lab	84.61, 33.55, -22.42
CIE LCh	85, 40.353, 326.245
Yxy	65.2427, 0.3164, 0.2662
Android (android.graphics.Color)	4294950654 (0xFFFFBEFE)
YUV	216.7310, 18.3736, 33.5619
Hunter-Lab	80.7730, 30.0165, -18.5506

Details

The Yxy color $65.2427, 0.3164, 0.2662$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.2262, 0.3088, 0.4010$, and the grayscale version is $69.0594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $33.6453, 0.3173, 0.2531$ is the 20% darker color. If you saturate the color by 10%, you get $55.1246, 0.3179, 0.2419$, and if you desaturate by 10%, it is $77.2989, 0.3149, 0.2911$.

Distribution



- Red (100%)
- Green (75%)
- Blue (100%)



- Red (100%)
- Yellow (75%)
- Blue (100%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2427, 0.3164, 0.2662 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 65.2427, 0.3164, 0.2662 by changing the saturation by 10% instead.


 65.2427, 0.3164,
0.2662

 65.2427, 0.3164,
0.2662


443.6636, 0.3153,
0.2942

 47.6579, 0.3165,
0.2601


 112.3987, 0.3161,
0.2757

 33.5561, 0.3166,
0.2526


142.7387, 0.3160,
0.2795

 22.5528, 0.3166,
0.2434


178.0993, 0.3159,
0.2827

 14.2636, 0.3164,
0.2317

218.8647, 0.3157,
0.2856

 8.3042, 0.3158,
0.2163

265.4195, 0.3156,
0.2881

 4.2902, 0.3145,
0.1955

318.1480, 0.3155,

 1.8372, 0.3113,

0.2904

0.1660

377.4345, 0.3154,
0.2924

0.5102, 0.3061,
0.1121

0.0000, 0.2153,
0.0000

65.2427, 0.3164,
0.2662

65.2427, 0.3164,
0.2662

55.1246, 0.3179,
0.2419

77.2989, 0.3149,
0.2911

46.8353, 0.3194,
0.2192

91.3779, 0.3135,
0.3158

40.2680, 0.3208,
0.1990

99.9996, 0.3127,
0.3290

35.3011, 0.3220,
0.1822

■ 31.7974, 0.3230,
0.1695

■ 29.5965, 0.3239,
0.1613

■ 28.5003, 0.3245,
0.1572

■ 28.2385, 0.3247,
0.1562

Harmonies

Analogous

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



65.2427, 0.2685, 0.2503



65.2427, 0.3164, 0.2662



65.2427, 0.3670, 0.2959

Triad

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



65.2427, 0.3164, 0.2662



65.2427, 0.3933, 0.4064



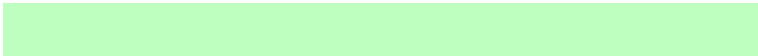
65.2427, 0.2292, 0.3132

Complementary

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



65.2427, 0.3164, 0.2662



86.2262, 0.3088, 0.4010

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.



65.2427, 0.2581, 0.3637



65.2427, 0.3164, 0.2662



65.2427, 0.3524, 0.4206

Square

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



65.2427, 0.3164, 0.2662



65.2427, 0.4130, 0.3736



65.2427, 0.3028, 0.4056



65.2427, 0.2214, 0.2731

Rectangle

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



65.2427, 0.3164, 0.2662



65.2427, 0.3940, 0.3207



65.2427, 0.3028, 0.4056



65.2427, 0.2366, 0.3297

Sweetspot

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



65.2456, 0.3164, 0.2662



87.6484, 0.3138, 0.3096



54.9953, 0.2685, 0.2559



18.2955, 0.3140, 0.3059



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.



65.2456, 0.3164, 0.2662



59.4358, 0.3172, 0.2527



63.3884, 0.3404, 0.2960



18.2955, 0.3140, 0.3059



14.7576, 0.3247, 0.1562



1.4383, 0.3242, 0.1560

Inverse Universe

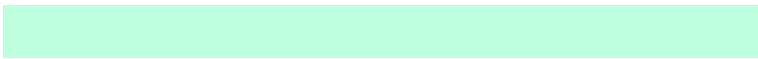
The Inverse Universe completely reimagines the original color for something new.



65.2456, 0.3164, 0.2662



59.4358, 0.3172, 0.2527



87.7669, 0.2918, 0.3646



18.2955, 0.3140, 0.3059



14.7576, 0.3247, 0.1562



1.4383, 0.3242, 0.1560

Previews

White Background



This preview shows how the Yxy color 65.2427, 0.3164, 0.2662 looks on a white background.

Color Contrast Check

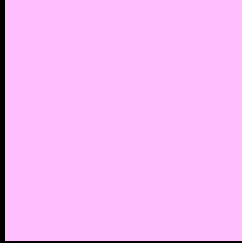
Large Text (above 18pt) WCAG AA × Fail

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 65.2427, 0.3164, 0.2662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

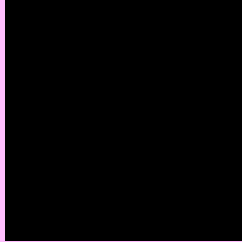
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2427, 0.3164, 0.2662

Background



This preview shows how black text looks on a background with the Yxy color 65.2427, 0.3164, 0.2662.

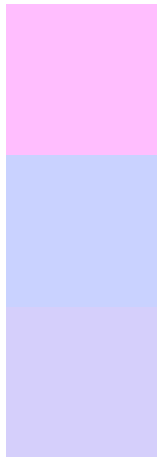


This preview shows how white text looks on a background with the Yxy color 65.2427, 0.3164, 0.2662.

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

65.2427, 0.3164, 0.2662

Protanopia

65.7307, 0.2776, 0.2800

Deuteranopia

65.7368, 0.2879, 0.2817



Tritanopia

65.3320, 0.3420, 0.3135

Trichromacy



Original Color

65.2427, 0.3164, 0.2662



Protanomaly

65.3040, 0.2907, 0.2743



Deuteranomaly

65.2955, 0.2976, 0.2758



Tritanomaly

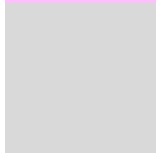
65.1409, 0.3324, 0.2954

Monochromacy



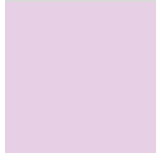
Original Color

65.2427, 0.3164, 0.2662



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.3277, 0.3146, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2427, 0.3164, 0.2662 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, 190, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 254)  
}
```

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, 190, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 254) }
```

Border

The CSS property to change the border of an element to Yxy 65.2427, 0.3164, 0.2662 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, 190, 254) }
```

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

```
.border{ border-color:rgb(255, 190, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2427, 0.3164, 0.2662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 254) }
```

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

```
.background{ background-color: rgb(255,  
190, 254) }
```

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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