

Converting Colors

$Y_{xy}(65.3878, 0.3211, 0.2733)$

Have a look what the booklet for
Yxy(65.3878, 0.3211, 0.2733)
contains.

Yxy(65.2989, 0.3208, 0.2727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.2989, 0.3208, 0.2727)

Conversions

Conversions Part 1

Format	Color
Hex	FFBFF8
RGB	255, 191, 248
RGB Percent	100%, 75%, 97%
CMY	0.0000, 0.2510, 0.0276
CMYK	0.00, 0.25, 0.03, 0.00
HSL	307°, 100%, 87%
HSV	307°, 25%, 100%
XYZ	76.8166, 65.2989, 97.3377
YIQ	216.6340, 19.8470, 31.2950

Conversions

Conversions Part 2

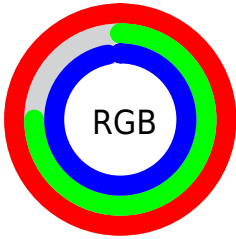
Format	Color
R_{YB}	255, 191, 248
Decimal	16760824
CIE _{Lab}	84.64, 31.96, -19.15
CIE _{LCh}	85, 37.256, 329.064
Yxy	65.2989, 0.3208, 0.2727
Android (android.graphics.Color)	4294950904 (0xFFFFBFF8)
YUV	216.6340, 15.4634, 33.6470
Hunter-Lab	80.8077, 28.2703, -14.8529

Details

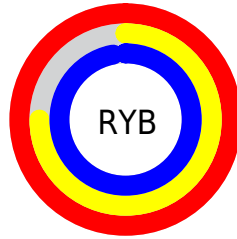
The Yxy color $65.2989, 0.3208, 0.2727$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.6749, 0.3055, 0.3927$, and the grayscale version is $69.0035, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $33.7029, 0.3221, 0.2600$ is the 20% darker color. If you saturate the color by 10%, you get $54.9540, 0.3246, 0.2502$, and if you desaturate by 10%, it is $77.5790, 0.3173, 0.2955$.

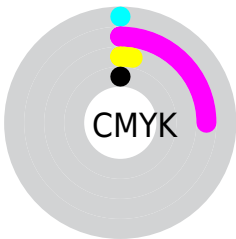
Distribution



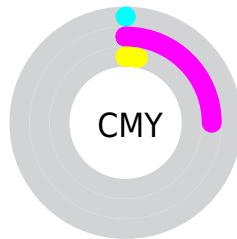
- Red (100%)
- Green (75%)
- Blue (97%)



- Red (100%)
- Yellow (75%)
- Blue (97%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (25%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.2989, 0.3208, 0.2727 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 65.2989, 0.3208, 0.2727 by changing the saturation by 10% instead.


 65.2989, 0.3208,
0.2727

 65.2989, 0.3208,
0.2727


443.8653, 0.3175,
0.2980

 47.7035, 0.3214,
0.2671


 112.4795, 0.3198,
0.2813

 33.5921, 0.3222,
0.2603


142.8334, 0.3193,
0.2847

 22.5804, 0.3230,
0.2519


178.2090, 0.3189,
0.2876

 14.2840, 0.3240,
0.2411

218.9906, 0.3186,
0.2902

 8.3185, 0.3250,
0.2270

265.5627, 0.3183,
0.2925

 4.2994, 0.3260,
0.2075

318.3095, 0.3180,

 1.8424, 0.3266,

0.2945

0.1794

377.6156, 0.3178,
0.2963

0.5134, 0.3287,
0.1255

0.0000, 0.2376,
0.0000

65.2989, 0.3208,
0.2727

65.2989, 0.3208,
0.2727

54.9540, 0.3246,
0.2502

77.5790, 0.3173,
0.2955

46.4492, 0.3287,
0.2289

91.8927, 0.3142,
0.3179

39.6735, 0.3331,
0.2098

100.0000, 0.3127,
0.3290

34.5057, 0.3374,
0.1938

■ 30.8093, 0.3417,
0.1819

■ 28.4252, 0.3458,
0.1743

■ 27.1571, 0.3496,
0.1713

■ 26.8057, 0.3513,
0.1709

Harmonies

Analogous

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



65.2989, 0.2756, 0.2565



65.2989, 0.3208, 0.2727



65.2989, 0.3669, 0.3015

Triad

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



65.2989, 0.3208, 0.2727



65.2989, 0.3846, 0.4029



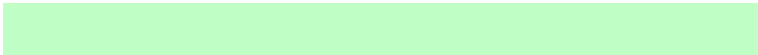
65.2989, 0.2337, 0.3107

Complementary

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



65.2989, 0.3208, 0.2727



86.6749, 0.3055, 0.3927

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.



65.2989, 0.2590, 0.3567



65.2989, 0.3208, 0.2727



65.2989, 0.3456, 0.4132

Square

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



65.2989, 0.3208, 0.2727



65.2989, 0.4048, 0.3741



65.2989, 0.2996, 0.3965



65.2989, 0.2282, 0.2749

Rectangle

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



65.2989, 0.3208, 0.2727



65.2989, 0.3904, 0.3250



65.2989, 0.2996, 0.3965



65.2989, 0.2400, 0.3256

Sweetspot

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



65.2971, 0.3208, 0.2727



87.5244, 0.3150, 0.3115



56.4060, 0.2737, 0.2581



18.2640, 0.3155, 0.3081



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.



65.2971, 0.3208, 0.2727



59.9908, 0.3226, 0.2616



63.5106, 0.3450, 0.3029



18.2640, 0.3155, 0.3081



14.0204, 0.3508, 0.1706



1.3745, 0.3469, 0.1685

Inverse Universe

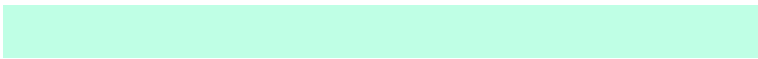
The Inverse Universe completely reimagines the original color for something new.



65.2971, 0.3208, 0.2727



59.9908, 0.3226, 0.2616



88.2759, 0.2888, 0.3568



18.2640, 0.3155, 0.3081



14.0204, 0.3508, 0.1706



1.3745, 0.3469, 0.1685

Previews

White Background



This preview shows how the Yxy color 65.2989, 0.3208, 0.2727 looks on a white background.

Color Contrast Check

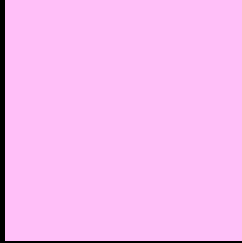
Large Text (above 18pt) WCAG AA × Fail

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 65.2989, 0.3208, 0.2727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

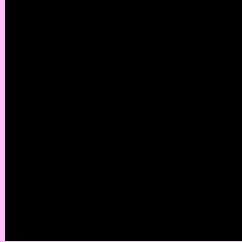
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2989, 0.3208, 0.2727

Background



This preview shows how black text looks on a background with the Yxy color 65.2989, 0.3208, 0.2727.



This preview shows how white text looks on a background with the Yxy color 65.2989, 0.3208, 0.2727.

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

65.2989, 0.3208, 0.2727

Protanopia

65.7307, 0.2776, 0.2800

Deuteranopia

65.3341, 0.2937, 0.2870



Tritanopia

65.0606, 0.3429, 0.3125

Trichromacy



Original Color

65.2989, 0.3208, 0.2727



Protanomaly

65.1123, 0.2927, 0.2772



Deuteranomaly

65.2501, 0.3031, 0.2819



Tritanomaly

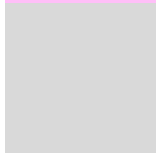
65.2166, 0.3347, 0.2974

Monochromacy



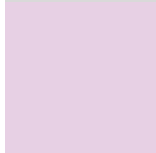
Original Color

65.2989, 0.3208, 0.2727



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.7021, 0.3159, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2989, 0.3208, 0.2727 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, 191, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 248)  
}
```

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, 191, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 248) }
```

Border

The CSS property to change the border of an element to Yxy 65.2989, 0.3208, 0.2727 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, 191, 248) }
```

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

```
.border{ border-color:rgb(255, 191, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 191, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 191, 248); box-shadow:4px 4px 4px 4px rgb(255, 191, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2989, 0.3208, 0.2727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 248) }
```

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

```
.background{ background-color: rgb(255,  
191, 248) }
```

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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