

Converting Colors

$Y_{xy}(70.4385, 0.3387, 0.2762)$

Have a look what the booklet for
Yxy(70.4385, 0.3387, 0.2762)
contains.

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Color

Yxy(65.7366, 0.3207, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	FFC0F8
RGB	255, 192, 248
RGB Percent	100%, 75%, 97%
CMY	0.0001, 0.2470, 0.0275
CMYK	0.00, 0.25, 0.03, 0.00
HSL	307°, 100%, 88%
HSV	307°, 25%, 100%
XYZ	77.0249, 65.7366, 97.4160
YIQ	217.2210, 19.5720, 30.7720

Conversions

Conversions Part 2

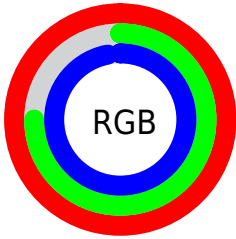
Format	Color
R _Y B	255, 192, 248
Decimal	16761080
CIE Lab	84.86, 31.41, -18.82
CIE LCh	85, 36.615, 329.075
Yxy	65.7366, 0.3207, 0.2737
Android (android.graphics.Color)	4294951160 (0xFFFFC0F8)
YUV	217.2210, 15.1740, 33.1322
Hunter-Lab	81.0781, 27.6899, -14.4827

Details

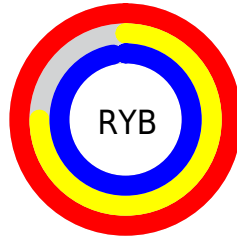
The Yxy color $65.7366, 0.3207, 0.2737$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.8427, 0.3056, 0.3914$, and the grayscale version is $69.4323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $33.9885, 0.3220, 0.2612$ is the 20% darker color. If you saturate the color by 10%, you get $55.3194, 0.3246, 0.2512$, and if you desaturate by 10%, it is $78.1020, 0.3172, 0.2965$.

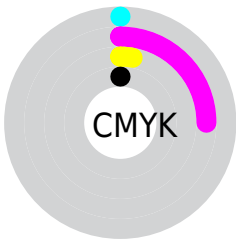
Distribution



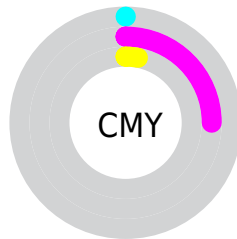
- Red (100%)
- Green (75%)
- Blue (97%)



- 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 65.7366, 0.3207, 0.2737 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 65.7366, 0.3207, 0.2737 by changing the saturation by 10% instead.

 65.7366, 0.3207,
0.2737

 65.7366, 0.3207,
0.2737

445.4343, 0.3175,
0.2985

 48.0586, 0.3213,
0.2682


 113.1082, 0.3197,
0.2822

 33.8733, 0.3221,
0.2616

143.5706, 0.3192,
0.2855

 22.7963, 0.3229,
0.2533


179.0633, 0.3189,
0.2884

 14.4432, 0.3239,
0.2427

219.9706, 0.3185,
0.2909

 8.4295, 0.3249,
0.2288

266.6769, 0.3182,
0.2931

 4.3710, 0.3260,
0.2096

319.5668, 0.3179,

 1.8832, 0.3266,

0.2951

0.1820

379.0244, 0.3177,
0.2969

0.5382, 0.3285,
0.1302

0.0000, 0.2452,
0.0000

65.7366, 0.3207,
0.2737

65.7366, 0.3207,
0.2737

55.3194, 0.3246,
0.2512

78.1020, 0.3172,
0.2965

46.7416, 0.3287,
0.2299

92.4997, 0.3141,
0.3188

39.8972, 0.3331,
0.2107

99.9968, 0.3127,
0.3290

34.6659, 0.3375,
0.1946

■ 30.9117, 0.3418,
0.1824

■ 28.4765, 0.3460,
0.1748

■ 27.1663, 0.3498,
0.1715

■ 26.7814, 0.3518,
0.1711

Harmonies

Analogous

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



65.7366, 0.2763, 0.2578



65.7366, 0.3207, 0.2737



65.7366, 0.3658, 0.3020

Triad

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



65.7366, 0.3207, 0.2737



65.7366, 0.3833, 0.4016



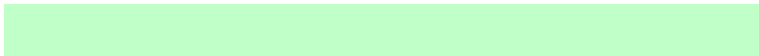
65.7366, 0.2351, 0.3111

Complementary

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



65.7366, 0.3207, 0.2737



86.8427, 0.3056, 0.3914

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.



65.7366, 0.2600, 0.3562



65.7366, 0.3207, 0.2737



65.7366, 0.3450, 0.4115

Square

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



65.7366, 0.3207, 0.2737



65.7366, 0.4030, 0.3734



65.7366, 0.2998, 0.3951



65.7366, 0.2297, 0.2759

Rectangle

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



65.7366, 0.3207, 0.2737



65.7366, 0.3889, 0.3252



65.7366, 0.2998, 0.3951



65.7366, 0.2414, 0.3257

Sweetspot

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



65.7395, 0.3207, 0.2737



89.0080, 0.3147, 0.3137



56.9742, 0.2744, 0.2594



18.8589, 0.3149, 0.3124



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.



65.7395, 0.3207, 0.2737



59.9839, 0.3227, 0.2617



63.9840, 0.3444, 0.3033



18.2635, 0.3155, 0.3081



14.0099, 0.3512, 0.1708



1.3736, 0.3473, 0.1687

Inverse Universe

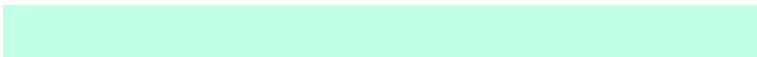
The Inverse Universe completely reimagines the original color for something new.



65.7395, 0.3207, 0.2737



59.9839, 0.3227, 0.2617



88.4198, 0.2891, 0.3563



18.2635, 0.3155, 0.3081



14.0099, 0.3512, 0.1708



1.3736, 0.3473, 0.1687

Previews

White Background



This preview shows how the Yxy color 65.7366, 0.3207, 0.2737 looks on a white background.

Color Contrast Check

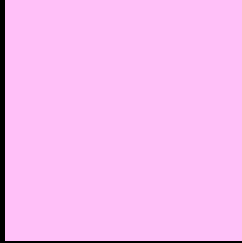
Large Text (above 18pt) WCAG AA × Fail

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 65.7366, 0.3207, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

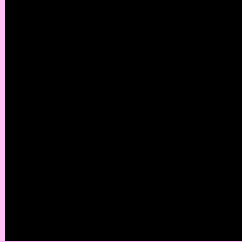
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7366, 0.3207, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 65.7366, 0.3207, 0.2737.



This preview shows how white text looks on a background with the Yxy color 65.7366, 0.3207, 0.2737.

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

65.7366, 0.3207, 0.2737

Protanopia

65.8697, 0.2783, 0.2801

Deuteranopia

65.9699, 0.2944, 0.2881



Tritanopia

65.5672, 0.3420, 0.3125

Trichromacy



Original Color

65.7366, 0.3207, 0.2737



Protanomaly

65.1123, 0.2927, 0.2772



Deuteranomaly

65.8838, 0.3038, 0.2830



Tritanomaly

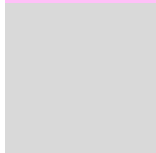
65.6663, 0.3346, 0.2984

Monochromacy



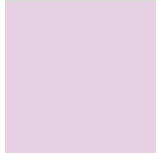
Original Color

65.7366, 0.3207, 0.2737



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 65.7366, 0.3207, 0.2737 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, 192, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 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, 192, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 248) }
```

Border

The CSS property to change the border of an element to Yxy 65.7366, 0.3207, 0.2737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

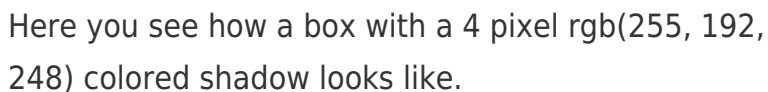
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 248) }
```

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

```
.border{ border-color:rgb(255, 192, 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, 192, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 192, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 192, 248); box-shadow:4px 4px 4px 4px rgb(255, 192, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7366, 0.3207, 0.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 248) }
```

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

```
.background{ background-color: rgb(255,  
192, 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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