

Converting Colors

$Y_{xy}(81.7769, 0.3432, 0.3093)$

Have a look what the booklet for
Yxy(81.7769, 0.3432, 0.3093)
contains.

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Color

Yxy(77.0588, 0.3259, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9EE
RGB	255, 217, 238
RGB Percent	100%, 85%, 93%
CMY	0.0001, 0.1490, 0.0666
CMYK	0.00, 0.15, 0.07, 0.00
HSL	327°, 100%, 93%
HSV	327°, 15%, 100%
XYZ	81.4843, 77.0588, 91.4854
YIQ	230.7560, 15.9070, 14.5870

Conversions

Conversions Part 2

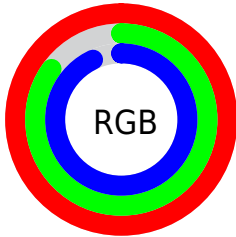
Format	Color
R_{YB}	255, 217, 238
Decimal	16767470
CIE _{Lab}	90.35, 16.59, -5.36
CIE _{LCh}	90, 17.434, 342.079
Yxy	77.0588, 0.3259, 0.3082
Android (android.graphics.Color)	4294957550 (0xFFFFD9EE)
YUV	230.7560, 3.5713, 21.2620
Hunter-Lab	87.7831, 12.0713, -0.3424

Details

The Yxy color $77.0588, 0.3259, 0.3082$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92.2038, 0.3014, 0.3508$, and the grayscale version is $79.6865, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.2238, 0.3290, 0.3037$ is the 20% darker color. If you saturate the color by 10%, you get $64.2679, 0.3370, 0.2935$, and if you desaturate by 10%, it is $91.9296, 0.3167, 0.3224$.

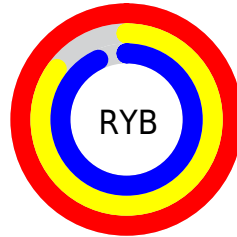
Distribution



Red (100%)

Green (85%)

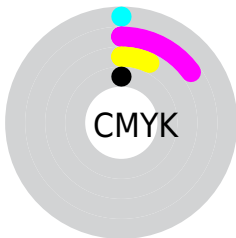
Blue (93%)



Red (100%)

Yellow (85%)

Blue (93%)

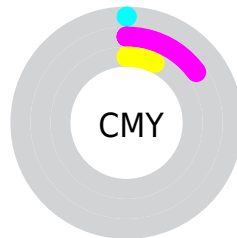


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0588, 0.3259, 0.3082 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 77.0588, 0.3259, 0.3082 by changing the saturation by 10% instead.


 77.0588, 0.3259,
0.3082

 77.0588, 0.3259,
0.3082


484.9645, 0.3199,
0.3176

 57.3011, 0.3272,
0.3061


129.2225, 0.3239,
0.3114

 41.2471, 0.3289,
0.3036


162.3973, 0.3231,
0.3127

 28.5122, 0.3309,
0.3004


200.8133, 0.3224,
0.3138

 18.7121, 0.3335,
0.2963

244.8548, 0.3218,
0.3147

 11.4624, 0.3370,
0.2909

294.9063, 0.3212,
0.3156

 6.3788, 0.3420,
0.2832

351.3521, 0.3207,

 3.0767, 0.3494,

0.3163

0.2719

414.5767, 0.3203,
0.3170

■ 1.1719, 0.3620,
0.2530

■ 0.0386, 0.4922,
0.0430

■ 77.0588, 0.3259,
0.3082

■ 77.0588, 0.3259,
0.3082

■ 64.2679, 0.3370,
0.2935

■ 91.9296, 0.3167,
0.3224

■ 53.4530, 0.3501,
0.2786

99.9976, 0.3127,
0.3290

■ 44.5166, 0.3655,
0.2642

■ 37.3487, 0.3831,
0.2513

■ 31.8278, 0.4026,
0.2409

■ 27.8168, 0.4237,
0.2343

■ 25.1561, 0.4454,
0.2327

■ 23.6497, 0.4666,
0.2366

■ 23.1835, 0.4771,
0.2402

Harmonies

Analogous

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



77.0588, 0.3050, 0.2975



77.0588, 0.3259, 0.3082



77.0588, 0.3437, 0.3241

Triad

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



77.0588, 0.3259, 0.3082



77.0588, 0.3386, 0.3649



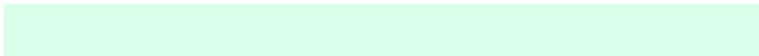
77.0588, 0.2741, 0.3142

Complementary

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



77.0588, 0.3259, 0.3082



92.2038, 0.3014, 0.3508

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.



77.0588, 0.2824, 0.3330



77.0588, 0.3259, 0.3082



77.0588, 0.3194, 0.3631

Square

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



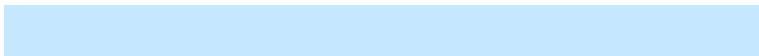
77.0588, 0.3259, 0.3082



77.0588, 0.3511, 0.3567



77.0588, 0.2989, 0.3512



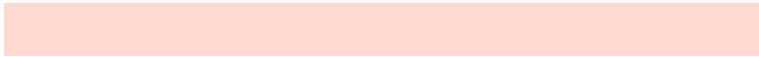
77.0588, 0.2756, 0.3004

Rectangle

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



77.0588, 0.3259, 0.3082



77.0588, 0.3511, 0.3359



77.0588, 0.2989, 0.3512



77.0588, 0.2758, 0.3201

Sweetspot

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



77.0622, 0.3259, 0.3082



93.3739, 0.3159, 0.3236



74.2515, 0.2996, 0.2903



19.7275, 0.3165, 0.3226



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.



77.0622, 0.3259, 0.3082



72.8792, 0.3291, 0.3037



76.0307, 0.3389, 0.3265



18.1554, 0.3207, 0.3159



12.1458, 0.4738, 0.2384



1.2046, 0.4515, 0.2261

Inverse Universe

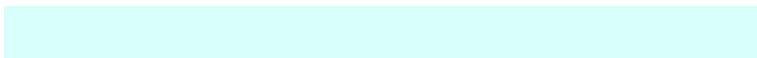
The Inverse Universe completely reimagines the original color for something new.



77.0622, 0.3259, 0.3082



72.8792, 0.3291, 0.3037



93.3221, 0.2914, 0.3315



18.1554, 0.3207, 0.3159



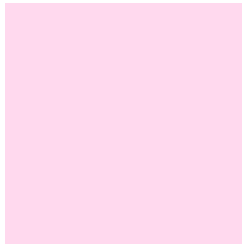
12.1458, 0.4738, 0.2384



1.2046, 0.4515, 0.2261

Previews

White Background



This preview shows how the Yxy color 77.0588, 0.3259, 0.3082 looks on a white background.

Color Contrast Check

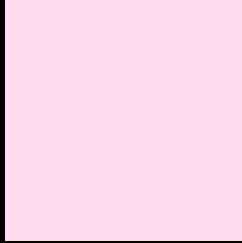
Large Text (above 18pt) WCAG AA × Fail

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 77.0588, 0.3259, 0.3082 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 77.0588, 0.3259, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 77.0588, 0.3259, 0.3082.



This preview shows how white text looks on a background with the Yxy color 77.0588, 0.3259, 0.3082.

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

77.0588, 0.3259, 0.3082

Protanopia

77.2553, 0.3020, 0.3103

Deuteranopia

77.2398, 0.3191, 0.3128



Tritanopia

77.4010, 0.3279, 0.3122

Trichromacy



Original Color

77.0588, 0.3259, 0.3082

Protanomaly

77.1907, 0.3102, 0.3096

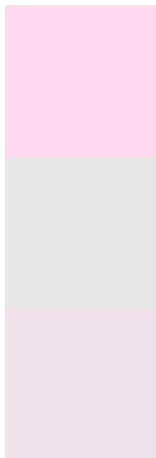
Deuteranomaly

77.4406, 0.3221, 0.3120

Tritanomaly

77.4589, 0.3272, 0.3112

Monochromacy



Original Color

77.0588, 0.3259, 0.3082

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.8585, 0.3173, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0588, 0.3259, 0.3082 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, 217, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 238)  
}
```

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, 217, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 238) }
```

Border

The CSS property to change the border of an element to Yxy 77.0588, 0.3259, 0.3082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

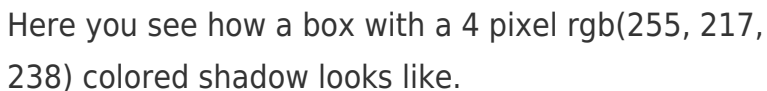
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 217, 238) }
```

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

```
.border{ border-color:rgb(255, 217, 238) }
```

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



Here you see how a box with a 4 pixel rgb(255, 217, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 217, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 217, 238); box-shadow:4px 4px 4px 4px rgb(255, 217, 238) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0588, 0.3259, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 238) }
```

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

```
.background{ background-color: rgb(255,  
217, 238) }
```

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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