

Converting Colors

Yxy(66.5765, 0.3557, 0.3273)

Have a look what the booklet for
Yxy(66.5765, 0.3557, 0.3273)
contains.

Yxy(66.7856, 0.3559, 0.3281)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.7856, 0.3559, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8C9
RGB	255, 200, 201
RGB Percent	100%, 78%, 79%
CMY	0.0000, 0.2157, 0.2118
CMYK	0.00, 0.22, 0.21, 0.00
HSL	359°, 100%, 89%
HSV	359°, 22%, 100%
XYZ	72.4444, 66.7856, 64.3226
YIQ	216.5590, 32.4590, 11.9710

Conversions

Conversions Part 2

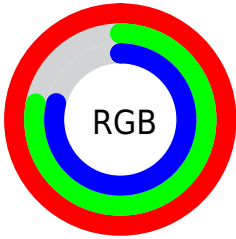
Format	Color
R _Y B	255, 200, 201
Decimal	16763081
CIE Lab	85.40, 19.68, 7.00
CIE LCh	85, 20.889, 19.593
Yxy	66.7856, 0.3559, 0.3281
Android (android.graphics.Color)	4294953161 (0xFFFFC8C9)
YUV	216.5590, -7.6706, 33.7128
Hunter-Lab	81.7225, 15.2203, 10.5394

Details

The Yxy color **66.7856, 0.3559, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.9548, 0.2810, 0.3299**, and the grayscale version is **69.1031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.5347, 0.3662, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **54.8561, 0.3841, 0.3277**, and if you desaturate by 10%, it is **80.8707, 0.3332, 0.3285**.

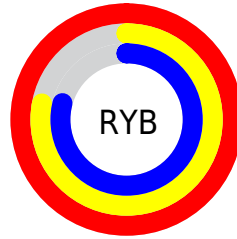
Distribution



Red (100%)

Green (78%)

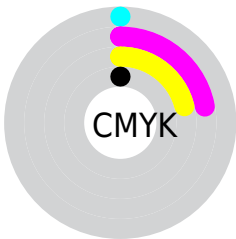
Blue (79%)



Red (100%)

Yellow (78%)

Blue (79%)

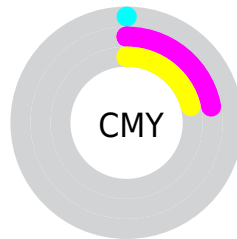


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.7856, 0.3559, 0.3281 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 66.7856, 0.3559, 0.3281 by changing the saturation by 10% instead.


 66.7856, 0.3559,
0.3281

 66.7856, 0.3559,
0.3281


449.1812, 0.3354,
0.3288

 48.9104, 0.3607,
0.3279


114.6131, 0.3487,
0.3284

 34.5484, 0.3667,
0.3275


145.3343, 0.3459,
0.3285

 23.3152, 0.3743,
0.3270

181.1062, 0.3436,
0.3286

 14.8264, 0.3845,
0.3262

222.3133, 0.3415,
0.3287

 8.6977, 0.3987,
0.3249

269.3399, 0.3397,
0.3287

 4.5445, 0.4197,
0.3226


322.5706, 0.3381,

 1.9826, 0.4539,

0.3288

0.3178


382.3895, 0.3367,
0.3288

 0.5973, 0.5843,
0.3276


 0.0000, 0.0000,
0.0000


 66.7856, 0.3559,
0.3281


 66.7856, 0.3559,
0.3281

 54.8561, 0.3841,
0.3277


 80.8707, 0.3332,
0.3285

 44.9846, 0.4188,
0.3273

 97.2202, 0.3152,
0.3289

 37.0519, 0.4602,
0.3270

100.0000, 0.3127,
0.3290

 30.9306, 0.5069,
0.3270

■ 26.4778, 0.5548,
0.3273

■ 23.5294, 0.5971,
0.3279

■ 21.8880, 0.6264,
0.3288

■ 21.2701, 0.6388,
0.3293

Harmonies

Analogous

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



66.7856, 0.3355, 0.3075



66.7856, 0.3559, 0.3281



66.7856, 0.3643, 0.3497

Triad

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



66.7856, 0.3559, 0.3281



66.7856, 0.3144, 0.3696



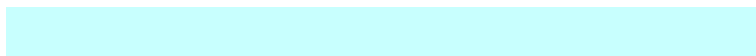
66.7856, 0.2688, 0.2902

Complementary

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



66.7856, 0.3559, 0.3281



90.9548, 0.2810, 0.3299

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.



66.7856, 0.2638, 0.3050



66.7856, 0.3559, 0.3281



66.7856, 0.2894, 0.3518

Square

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



66.7856, 0.3559, 0.3281



66.7856, 0.3396, 0.3750



66.7856, 0.2712, 0.3276



66.7856, 0.2851, 0.2860

Rectangle

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



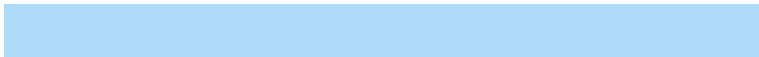
66.7856, 0.3559, 0.3281



66.7856, 0.3617, 0.3622



66.7856, 0.2712, 0.3276



66.7856, 0.2657, 0.2940

Sweetspot

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



66.7825, 0.3559, 0.3281



89.6935, 0.3227, 0.3288



69.4399, 0.3139, 0.2750



18.9688, 0.3239, 0.3287



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

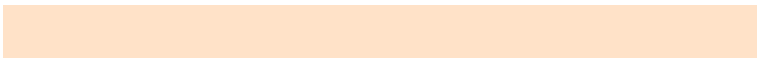
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7825, 0.3559, 0.3281



61.2395, 0.3676, 0.3279



79.6399, 0.3512, 0.3551



17.9924, 0.3292, 0.3286



11.1164, 0.6382, 0.3290



1.0841, 0.6339, 0.3266

Inverse Universe

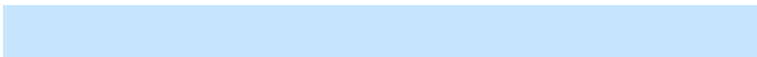
The Inverse Universe completely reimagines the original color for something new.



66.7825, 0.3559, 0.3281



61.2395, 0.3676, 0.3279



75.7204, 0.2785, 0.3014



17.9924, 0.3292, 0.3286



11.1164, 0.6382, 0.3290



1.0841, 0.6339, 0.3266

Previews

White Background



This preview shows how the Yxy color 66.7856, 0.3559, 0.3281 looks on a white background.

Color Contrast Check

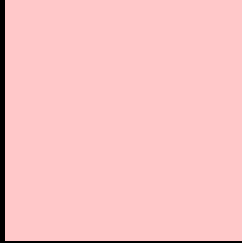
Large Text (above 18pt) WCAG AA × Fail

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 66.7856, 0.3559, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

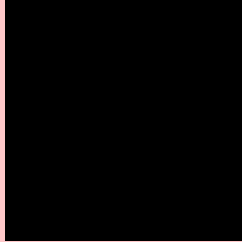
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.7856, 0.3559, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 66.7856, 0.3559, 0.3281.

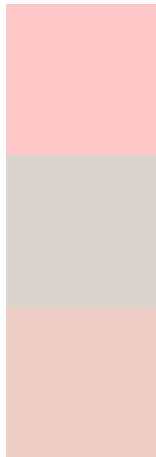


This preview shows how white text looks on a background with the Yxy color 66.7856, 0.3559, 0.3281.

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

66.7856, 0.3559, 0.3281

Protanopia

67.2026, 0.3206, 0.3346

Deuteranopia

66.6635, 0.3427, 0.3355



Tritanopia

66.9109, 0.3466, 0.3148

Trichromacy



Original Color

66.7856, 0.3559, 0.3281

Protanomaly

66.6753, 0.3332, 0.3323

Deuteranomaly

66.7683, 0.3478, 0.3333

Tritanomaly

66.7103, 0.3497, 0.3188

Monochromacy



Original Color

66.7856, 0.3559, 0.3281

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.2806, 0.3277, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7856, 0.3559, 0.3281 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, 200, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 201)  
}
```

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, 200, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 201) }
```

Border

The CSS property to change the border of an element to Yxy 66.7856, 0.3559, 0.3281 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, 200, 201) }
```

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

```
.border{ border-color:rgb(255, 200, 201) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7856, 0.3559, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 201) }
```

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

```
.background{ background-color: rgb(255,  
200, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor