

Converting Colors

Yxy(63.1694, 0.3364, 0.2896)

Have a look what the booklet for
Yxy(63.1694, 0.3364, 0.2896)
contains.

Yxy(63.2566, 0.3362, 0.2896)	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(63.2566, 0.3362, 0.2896)

Conversions

Conversions Part 1

Format	Color
Hex	FFBDE4
RGB	255, 189, 228
RGB Percent	100%, 74%, 89%
CMY	0.0001, 0.2588, 0.1059
CMYK	0.00, 0.26, 0.11, 0.00
HSL	325°, 100%, 87%
HSV	325°, 26%, 100%
XYZ	73.4353, 63.2566, 81.7356
YIQ	213.1800, 26.8170, 26.1210

Conversions

Conversions Part 2

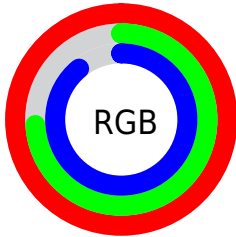
Format	Color
R _Y B	255, 189, 228
Decimal	16760292
CIE Lab	83.58, 29.59, -10.08
CIE LCh	84, 31.260, 341.186
Yxy	63.2566, 0.3362, 0.2896
Android (android.graphics.Color)	4294950372 (0xFFFFBDE4)
YUV	213.1800, 7.3063, 36.6761
Hunter-Lab	79.5340, 25.6280, -5.2574

Details

The Yxy color $63.2566, 0.3362, 0.2896$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $87.2865, 0.2947, 0.3721$, and the grayscale version is $66.6042, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $32.3508, 0.3418, 0.2800$ is the 20% darker color. If you saturate the color by 10%, you get $52.6742, 0.3484, 0.2738$, and if you desaturate by 10%, it is $75.8080, 0.3258, 0.3053$.

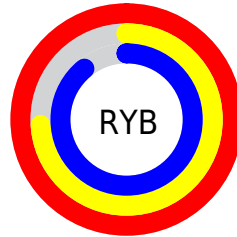
Distribution



Red (100%)

Green (74%)

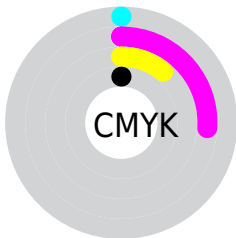
Blue (89%)



Red (100%)

Yellow (74%)

Blue (89%)

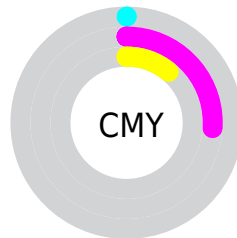


Cyan (0%)

Magenta (26%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2566, 0.3362, 0.2896 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 63.2566, 0.3362, 0.2896 by changing the saturation by 10% instead.


 63.2566, 0.3362,
0.2896

 63.2566, 0.3362,
0.2896

436.5001, 0.3254,
0.3077

 46.0488, 0.3387,
0.2855

 109.5396, 0.3324,
0.2958

 32.2844, 0.3417,
0.2805


139.3837, 0.3310,
0.2983

 21.5788, 0.3456,
0.2742


174.2086, 0.3297,
0.3004

 13.5477, 0.3506,
0.2659

214.3988, 0.3286,
0.3022

 7.8068, 0.3574,
0.2549

260.3386, 0.3277,
0.3038

 3.9716, 0.3672,
0.2391


312.4125, 0.3268,


 1.6577, 0.3824,


0.3052


0.2151

371.0049, 0.3260,
0.3065


 0.3960, 0.4219,
0.1484


 0.0000, 1.0000,
0.0000


 63.2566, 0.3362,
0.2896

 63.2566, 0.3362,
0.2896

 52.6742, 0.3484,
0.2738


 75.8080, 0.3258,
0.3053

 43.9506, 0.3626,
0.2587

 90.4140, 0.3171,
0.3205

 36.9779, 0.3786,
0.2451

99.9964, 0.3127,
0.3290

 31.6335, 0.3964,
0.2342

■ 27.7788, 0.4153,
0.2273

■ 25.2516, 0.4346,
0.2254

■ 23.8512, 0.4534,
0.2288

■ 23.4804, 0.4611,
0.2314

Harmonies

Analogous

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



63.2566, 0.2961, 0.2707



63.2566, 0.3362, 0.2896



63.2566, 0.3715, 0.3178

Triad

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



63.2566, 0.3362, 0.2896



63.2566, 0.3623, 0.3978



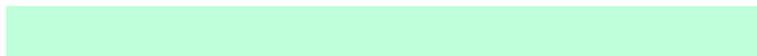
63.2566, 0.2409, 0.3001

Complementary

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



63.2566, 0.3362, 0.2896



87.2865, 0.2947, 0.3721

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.



63.2566, 0.2563, 0.3368



63.2566, 0.3362, 0.2896



63.2566, 0.3255, 0.3968

Square

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



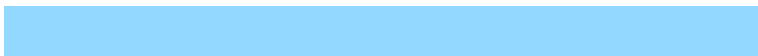
63.2566, 0.3362, 0.2896



63.2566, 0.3865, 0.3793



63.2566, 0.2868, 0.3738



63.2566, 0.2432, 0.2748

Rectangle

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



63.2566, 0.3362, 0.2896



63.2566, 0.3865, 0.3392



63.2566, 0.2868, 0.3738



63.2566, 0.2441, 0.3115

Sweetspot

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



63.2594, 0.3362, 0.2896



87.1420, 0.3189, 0.3173



58.1284, 0.2863, 0.2584



18.1672, 0.3201, 0.3150



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.



63.2594, 0.3362, 0.2896



57.6007, 0.3422, 0.2815



61.6260, 0.3627, 0.3223



18.1672, 0.3201, 0.3150



12.3015, 0.4582, 0.2298



1.2195, 0.4382, 0.2187

Inverse Universe

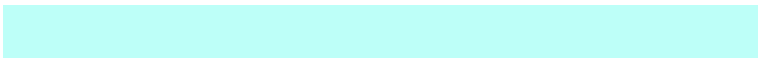
The Inverse Universe completely reimagines the original color for something new.



63.2594, 0.3362, 0.2896



57.6007, 0.3422, 0.2815



89.1299, 0.2780, 0.3359



18.1672, 0.3201, 0.3150



12.3015, 0.4582, 0.2298



1.2195, 0.4382, 0.2187

Previews

White Background



This preview shows how the Yxy color 63.2566, 0.3362, 0.2896 looks on a white background.

Color Contrast Check

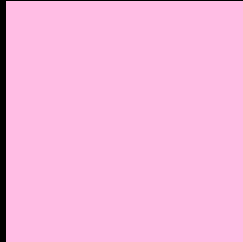
Large Text (above 18pt) WCAG AA × Fail

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 63.2566, 0.3362, 0.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

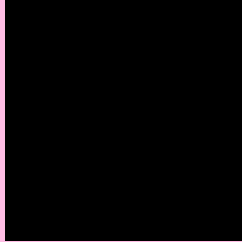
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2566, 0.3362, 0.2896

Background



This preview shows how black text looks on a background with the Yxy color 63.2566, 0.3362, 0.2896.



This preview shows how white text looks on a background with the Yxy color 63.2566, 0.3362, 0.2896.

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

63.2566, 0.3362, 0.2896

Protanopia

63.5542, 0.2885, 0.2933

Deuteranopia

63.5203, 0.3108, 0.3048



Tritanopia

63.3404, 0.3500, 0.3146

Trichromacy



Original Color

63.2566, 0.3362, 0.2896



Protanomaly

62.8363, 0.3047, 0.2911



Deuteranomaly

63.2028, 0.3195, 0.2991



Tritanomaly

63.4882, 0.3445, 0.3054

Monochromacy



Original Color

63.2566, 0.3362, 0.2896



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.7417, 0.3211, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2566, 0.3362, 0.2896 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, 189, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 228)  
}
```

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, 189, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 228) }
```

Border

The CSS property to change the border of an element to Yxy 63.2566, 0.3362, 0.2896 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, 189, 228) }
```

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

```
.border{ border-color:rgb(255, 189, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2566, 0.3362, 0.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 228) }
```

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

```
.background{ background-color: rgb(255,  
189, 228) }
```

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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