

Converting Colors

$Y_{xy}(47.5898, 0.3574, 0.3064)$

Have a look what the booklet for
Yxy(47.5898, 0.3574, 0.3064)
contains.

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Color

Yxy(47.5689, 0.3575, 0.3065)

Conversions

Conversions Part 1

Format	Color
Hex	E8A5B9
RGB	232, 165, 185
RGB Percent	91%, 65%, 73%
CMY	0.0903, 0.3529, 0.2746
CMYK	0.00, 0.29, 0.20, 0.09
HSL	342°, 59%, 78%
HSV	342°, 29%, 91%
XYZ	55.4841, 47.5689, 52.1473
YIQ	187.3130, 33.5120, 20.4240

Conversions

Conversions Part 2

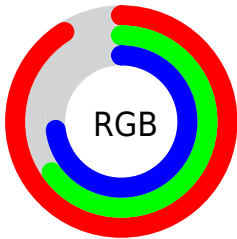
Format	Color
R _Y B	232, 165, 185
Decimal	15246777
CIE Lab	74.55, 27.56, -0.35
CIE LCh	75, 27.566, 359.265
Yxy	47.5689, 0.3575, 0.3065
Android (android.graphics.Color)	4293436857 (0xFFE8A5B9)
YUV	187.3130, -1.1403, 39.1905
Hunter-Lab	68.9702, 22.8991, 3.4509

Details

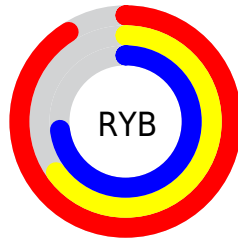
The Yxy color $47.5689, 0.3575, 0.3065$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $70.4564, 0.2818, 0.3529$, and the grayscale version is $49.8729, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7973, 0.3236, 0.3083$, and $22.3682, 0.3700, 0.2995$ is the 20% darker color. If you saturate the color by 10%, you get $39.2982, 0.3801, 0.2984$, and if you desaturate by 10%, it is $57.4405, 0.3389, 0.3146$.

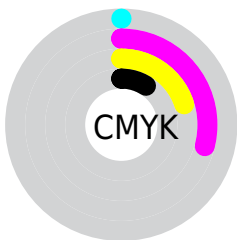
Distribution



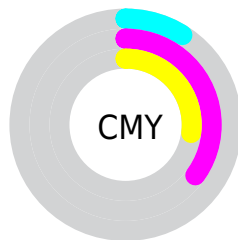
- Red (91%)
- Green (65%)
- Blue (73%)



- Red (91%)
- Yellow (65%)
- Blue (73%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5689, 0.3575, 0.3065 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 47.5689, 0.3575, 0.3065 by changing the saturation by 10% instead.


 47.5689, 0.3575,
0.3065


 47.5689, 0.3575,
0.3065

377.0808, 0.3352,
0.3177

 33.4856, 0.3630,
0.3037


 86.5622, 0.3494,
0.3106

 22.4987, 0.3701,
0.3002


 112.2410, 0.3464,
0.3121

 14.2238, 0.3795,
0.2955


142.5538, 0.3438,
0.3134

 8.2765, 0.3926,
0.2889

177.8849, 0.3416,
0.3145

 4.2724, 0.4119,
0.2793

218.6187, 0.3397,
0.3154

 1.8271, 0.4433,
0.2637

265.1398, 0.3380,

 0.5040, 0.5251,

0.3163

0.2221

317.8323, 0.3365,
0.3170

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.5689, 0.3575,
0.3065

47.5689, 0.3575,
0.3065

39.2982, 0.3801,
0.2984

57.4405, 0.3389,
0.3146

32.5370, 0.4071,
0.2909

68.9848, 0.3238,
0.3225

27.1950, 0.4386,
0.2849

82.2772, 0.3114,
0.3298

23.1690, 0.4737,
0.2815

95.5810, 0.3014,
0.3338

■ 20.3422, 0.5106,
0.2819

■ 95.8922, 0.2987,
0.3290

■ 18.5766, 0.5463,
0.2869

■ 17.6646, 0.5772,
0.2961

■ 17.5840, 0.5805,
0.2971

Harmonies

Analogous

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



47.5689, 0.3199, 0.2821



47.5689, 0.3575, 0.3065



47.5689, 0.3832, 0.3370

Triad

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



47.5689, 0.3575, 0.3065



47.5689, 0.3402, 0.3977



47.5689, 0.2422, 0.2845

Complementary

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



47.5689, 0.3575, 0.3065



70.4564, 0.2818, 0.3529

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.



47.5689, 0.2469, 0.3143



47.5689, 0.3575, 0.3065



47.5689, 0.3021, 0.3835

Square

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



47.5689, 0.3575, 0.3065



47.5689, 0.3721, 0.3905



47.5689, 0.2682, 0.3516



47.5689, 0.2547, 0.2687

Rectangle

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



47.5689, 0.3575, 0.3065



47.5689, 0.3892, 0.3577



47.5689, 0.2682, 0.3516



47.5689, 0.2418, 0.2931

Sweetspot

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



47.5711, 0.3575, 0.3065



85.2271, 0.3240, 0.3223



46.7225, 0.2992, 0.2535



17.7669, 0.3260, 0.3212



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.



47.5711, 0.3575, 0.3065



52.2635, 0.3713, 0.3014



51.8737, 0.3723, 0.3444



14.4384, 0.3246, 0.3220



9.7834, 0.5763, 0.2948



0.7389, 0.5346, 0.2719

Inverse Universe

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



47.5711, 0.3575, 0.3065



52.2635, 0.3713, 0.3014



64.2737, 0.2693, 0.3129



14.4384, 0.3246, 0.3220



9.7834, 0.5763, 0.2948



0.7389, 0.5346, 0.2719

Previews

White Background



This preview shows how the Yxy color 47.5689, 0.3575, 0.3065 looks on a white background.

Color Contrast Check

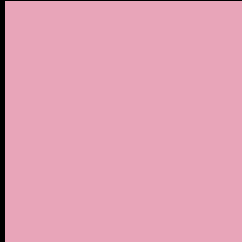
Large Text (above 18pt) WCAG AA × Fail

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 47.5689, 0.3575, 0.3065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

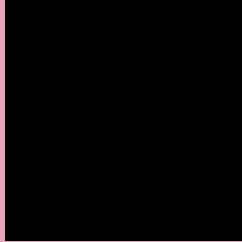
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5689, 0.3575, 0.3065

Background



This preview shows how black text looks on a background with the Yxy color 47.5689, 0.3575, 0.3065.



This preview shows how white text looks on a background with the Yxy color 47.5689, 0.3575, 0.3065.

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

47.5689, 0.3575, 0.3065

Protanopia

47.9975, 0.3043, 0.3137

Deuteranopia

47.8162, 0.3297, 0.3229



Tritanopia

47.5160, 0.3620, 0.3143

Trichromacy



Original Color

47.5689, 0.3575, 0.3065

Protanomaly

47.2298, 0.3223, 0.3106

Deuteranomaly

47.4940, 0.3394, 0.3159

Tritanomaly

47.5976, 0.3601, 0.3120

Monochromacy



Original Color

47.5689, 0.3575, 0.3065

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4819, 0.3279, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5689, 0.3575, 0.3065 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(232, 165, 185)` looks like.

```
.text, #text, p{  
    color:rgb(232, 165, 185)  
}
```

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(232, 165, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 165, 185) }
```

Border

The CSS property to change the border of an element to Yxy 47.5689, 0.3575, 0.3065 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(232, 165, 185) }
```

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

```
.border{ border-color:rgb(232, 165, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 165, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 165, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 165, 185);  
box-shadow:4px 4px 4px 4px rgb(232, 165,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5689, 0.3575, 0.3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 165, 185) }
```

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

```
.background{ background-color: rgb(232,  
165, 185) }
```

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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