

Converting Colors

Yxy(63.4741, 0.3253, 0.3107)

Have a look what the booklet for
Yxy(63.4741, 0.3253, 0.3107)
contains.

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Color

Yxy(63.4741, 0.3253, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	E8C8D9
RGB	232, 200, 217
RGB Percent	91%, 78%, 85%
CMY	0.0901, 0.2157, 0.1492
CMYK	0.00, 0.14, 0.06, 0.09
HSL	328°, 41%, 85%
HSV	328°, 14%, 91%
XYZ	66.4568, 63.4741, 74.3630
YIQ	211.5060, 13.6150, 12.0710

Conversions

Conversions Part 2

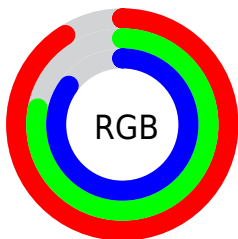
Format	Color
R _Y B	232, 200, 217
Decimal	15255769
CIE Lab	83.69, 14.08, -4.25
CIE LCh	84, 14.706, 343.215
Yxy	63.4741, 0.3253, 0.3107
Android (android.graphics.Color)	4293445849 (0xFFE8C8D9)
YUV	211.5060, 2.7085, 17.9732
Hunter-Lab	79.6706, 9.4711, 0.4294

Details

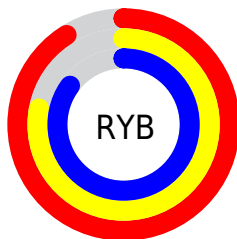
The Yxy color $63.4741, 0.3253, 0.3107$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $74.9136, 0.3018, 0.3480$, and the grayscale version is $65.4698, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.3965, 0.3283, 0.3065$ is the 20% darker color. If you saturate the color by 10%, you get $52.9833, 0.3366, 0.2967$, and if you desaturate by 10%, it is $75.6389, 0.3159, 0.3241$.

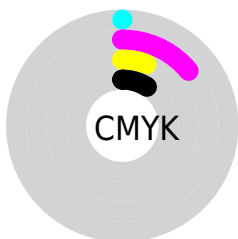
Distribution



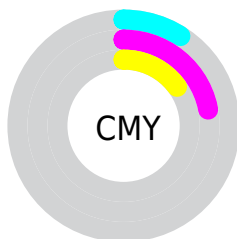
- Red (91%)
- Green (78%)
- Blue (85%)



- Red (91%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (9%)





- Cyan (9%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4741, 0.3253, 0.3107 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 63.4741, 0.3253, 0.3107 by changing the saturation by 10% instead.


 63.4741, 0.3253,
0.3107

 63.4741, 0.3253,
0.3107


437.2881, 0.3194,
0.3193

 46.2249, 0.3267,
0.3087

109.8532, 0.3232,
0.3137

 32.4233, 0.3284,
0.3063


139.7519, 0.3224,
0.3148

 21.6850, 0.3306,
0.3031


174.6358, 0.3218,
0.3158

 13.6256, 0.3334,
0.2990

214.8893, 0.3212,
0.3167

 7.8608, 0.3374,
0.2933

260.8970, 0.3206,
0.3175

 4.0060, 0.3434,
0.2850

313.0430, 0.3202,

 1.6769, 0.3530,

0.3181

0.2715

371.7119, 0.3198,
0.3187

0.4086, 0.3889,
0.2171

0.0000, 0.0000,
0.0000

63.4741, 0.3253,
0.3107

63.4741, 0.3253,
0.3107

52.9833, 0.3366,
0.2967

75.6389, 0.3159,
0.3241

44.0841, 0.3501,
0.2825

89.5386, 0.3080,
0.3367

36.6997, 0.3660,
0.2687

95.5627, 0.3017,
0.3342

30.7436, 0.3843,
0.2561

95.8990, 0.2988,
0.3290

■ 26.1205, 0.4048,
0.2458

■ 22.7234, 0.4270,
0.2392

■ 20.4284, 0.4500,
0.2373

■ 19.0850, 0.4727,
0.2409

■ 18.5852, 0.4864,
0.2453

Harmonies

Analogous

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



63.4741, 0.3065, 0.3008



63.4741, 0.3253, 0.3107



63.4741, 0.3410, 0.3252

Triad

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



63.4741, 0.3253, 0.3107



63.4741, 0.3355, 0.3614



63.4741, 0.2777, 0.3152

Complementary

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



63.4741, 0.3253, 0.3107



74.9136, 0.3018, 0.3480

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.



63.4741, 0.2850, 0.3319



63.4741, 0.3253, 0.3107



63.4741, 0.3181, 0.3594

Square

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



63.4741, 0.3253, 0.3107



63.4741, 0.3470, 0.3544



63.4741, 0.2997, 0.3484



63.4741, 0.2794, 0.3029

Rectangle

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



63.4741, 0.3253, 0.3107



63.4741, 0.3475, 0.3359



63.4741, 0.2997, 0.3484



63.4741, 0.2792, 0.3205

Sweetspot

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



63.4769, 0.3253, 0.3107



93.3586, 0.3161, 0.3238



61.5765, 0.3015, 0.2936



19.7236, 0.3167, 0.3228



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.



63.4769, 0.3253, 0.3107



74.1473, 0.3288, 0.3062



62.6899, 0.3373, 0.3279



14.4949, 0.3210, 0.3166



10.3416, 0.4830, 0.2434



0.7830, 0.4528, 0.2268

Inverse Universe

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



63.4769, 0.3253, 0.3107



74.1473, 0.3288, 0.3062



75.7706, 0.2923, 0.3301



14.4949, 0.3210, 0.3166



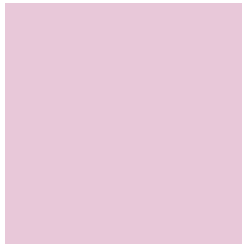
10.3416, 0.4830, 0.2434



0.7830, 0.4528, 0.2268

Previews

White Background



This preview shows how the Yxy color 63.4741, 0.3253, 0.3107 looks on a white background.

Color Contrast Check

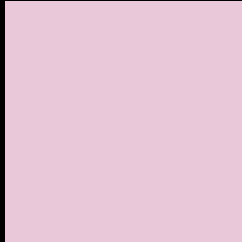
Large Text (above 18pt) WCAG AA × Fail

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 63.4741, 0.3253, 0.3107 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 63.4741, 0.3253, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 63.4741, 0.3253, 0.3107.

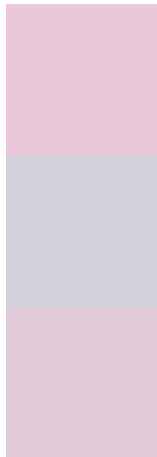


This preview shows how white text looks on a background with the Yxy color 63.4741, 0.3253, 0.3107.

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

63.4741, 0.3253, 0.3107

Protanopia

63.8875, 0.3045, 0.3143

Deuteranopia

63.2065, 0.3204, 0.3136



Tritanopia

63.4222, 0.3260, 0.3117

Trichromacy



Original Color

63.4741, 0.3253, 0.3107

Protanomaly

63.5817, 0.3112, 0.3123

Deuteranomaly

63.2251, 0.3228, 0.3126

Tritanomaly

63.4222, 0.3260, 0.3117

Monochromacy



Original Color

63.4741, 0.3253, 0.3107

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.0269, 0.3168, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4741, 0.3253, 0.3107 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, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 217)  
}
```

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, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 217) }
```

Border

The CSS property to change the border of an element to Yxy 63.4741, 0.3253, 0.3107 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, 200, 217) }
```

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

```
.border{ border-color:rgb(232, 200, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 200, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(232, 200,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4741, 0.3253, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 217) }
```

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

```
.background{ background-color: rgb(232,  
200, 217) }
```

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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