

Converting Colors

$Y_{xy}(59.3663, 0.3256, 0.2985)$

Have a look what the booklet for
Yxy(59.3663, 0.3256, 0.2985)
contains.

Yxy(59.2650, 0.3255, 0.2976)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.2650, 0.3255, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	E9BEDB
RGB	233, 190, 219
RGB Percent	91%, 75%, 86%
CMY	0.0860, 0.2550, 0.1411
CMYK	0.00, 0.18, 0.06, 0.09
HSL	320°, 50%, 83%
HSV	320°, 18%, 91%
XYZ	64.8211, 59.2650, 75.0571
YIQ	206.1630, 16.3190, 18.1350

Conversions

Conversions Part 2

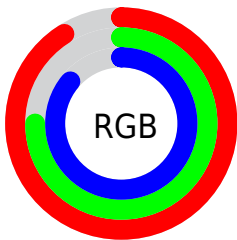
Format	Color
R _Y B	233, 190, 219
Decimal	15318747
CIE Lab	81.44, 20.12, -8.68
CIE LCh	81, 21.916, 336.669
Yxy	59.2650, 0.3255, 0.2976
Android (android.graphics.Color)	4293508827 (0xFFE9BEDB)
YUV	206.1630, 6.3286, 23.5360
Hunter-Lab	76.9838, 15.5772, -3.9175

Details

The Yxy color $59.2650, 0.3255, 0.2976$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $73.6177, 0.3019, 0.3626$, and the grayscale version is $61.7872, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $29.6358, 0.3287, 0.2896$ is the 20% darker color. If you saturate the color by 10%, you get $49.5765, 0.3342, 0.2799$, and if you desaturate by 10%, it is $70.5911, 0.3181, 0.3149$.

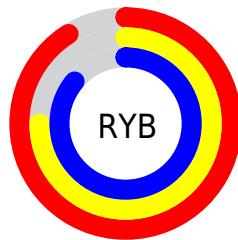
Distribution



Red (91%)

Green (75%)

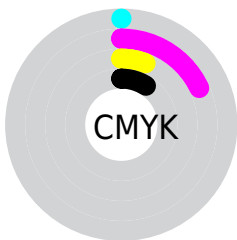
Blue (86%)



Red (91%)

Yellow (75%)

Blue (86%)

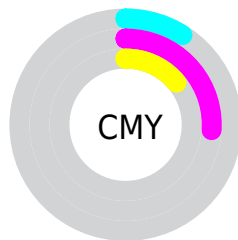


Cyan (0%)

Magenta (18%)

Yellow (6%)

Black (9%)



Cyan (9%)


Magenta (26%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.2650, 0.3255, 0.2976 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 59.2650, 0.3255, 0.2976 by changing the saturation by 10% instead.

 59.2650, 0.3255,
0.2976

 59.2650, 0.3255,
0.2976


421.8833, 0.3196,
0.3123

 42.8265, 0.3269,
0.2942


 103.7627, 0.3234,
0.3027

 29.7490, 0.3286,
0.2900


132.5907, 0.3226,
0.3047

 19.6481, 0.3307,
0.2846


166.3173, 0.3219,
0.3064

 12.1395, 0.3335,
0.2776

205.3269, 0.3213,
0.3079

 6.8388, 0.3374,
0.2679

250.0039, 0.3208,
0.3092

 3.3615, 0.3430,
0.2537


300.7327, 0.3203,

 1.3232, 0.3519,


0.3103

0.2311


357.8977, 0.3199,
0.3114


 0.1591, 0.4062,
0.1006


 0.0000, 0.0000,
0.0000


 59.2650, 0.3255,
0.2976

 59.2650, 0.3255,
0.2976


 49.5765, 0.3342,
0.2799

 70.5911, 0.3181,
0.3149


 41.4411, 0.3442,
0.2623

 83.6187, 0.3118,
0.3314

 34.7782, 0.3556,
0.2457

 95.2532, 0.3067,
0.3422

 29.4971, 0.3683,
0.2310

 95.7185, 0.3025,
0.3345

■ 25.4968, 0.3819,
0.2194

■ 96.0741, 0.2994,
0.3290

■ 22.6625, 0.3961,
0.2119

■ 20.8588, 0.4104,
0.2094

■ 19.8889, 0.4242,
0.2117

■ 19.7727, 0.4263,
0.2122

Harmonies

Analogous

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



59.2650, 0.2969, 0.2849



59.2650, 0.3255, 0.2976



59.2650, 0.3516, 0.3179

Triad

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



59.2650, 0.3255, 0.2976



59.2650, 0.3520, 0.3772



59.2650, 0.2613, 0.3125

Complementary

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



59.2650, 0.3255, 0.2976



73.6177, 0.3019, 0.3626

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.



59.2650, 0.2747, 0.3391



59.2650, 0.3255, 0.2976



59.2650, 0.3267, 0.3779

Square

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



59.2650, 0.3255, 0.2976



59.2650, 0.3671, 0.3632



59.2650, 0.2984, 0.3638



59.2650, 0.2609, 0.2923

Rectangle

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



59.2650, 0.3255, 0.2976



59.2650, 0.3635, 0.3335



59.2650, 0.2984, 0.3638



59.2650, 0.2644, 0.3210

Sweetspot

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



59.2676, 0.3255, 0.2976



90.3068, 0.3165, 0.3191



55.4885, 0.2922, 0.2800



19.1135, 0.3169, 0.3180



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.



59.2676, 0.3255, 0.2976



68.1590, 0.3285, 0.2912



58.2234, 0.3423, 0.3204



15.2254, 0.3188, 0.3132



11.2365, 0.4243, 0.2111



0.8999, 0.4063, 0.2012

Inverse Universe

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



59.2676, 0.3255, 0.2976



68.1590, 0.3285, 0.2912



74.7025, 0.2895, 0.3379



15.2254, 0.3188, 0.3132



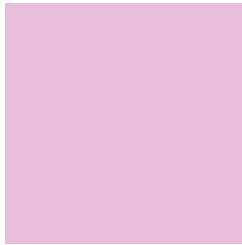
11.2365, 0.4243, 0.2111



0.8999, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 59.2650, 0.3255, 0.2976 looks on a white background.

Color Contrast Check

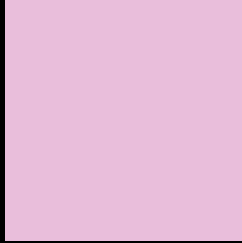
Large Text (above 18pt) WCAG AA × Fail

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 59.2650, 0.3255, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

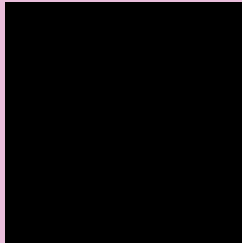
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2650, 0.3255, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 59.2650, 0.3255, 0.2976.



This preview shows how white text looks on a background with the Yxy color 59.2650, 0.3255, 0.2976.

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

59.2650, 0.3255, 0.2976

Protanopia

59.4064, 0.2939, 0.3001

Deuteranopia

59.4415, 0.3115, 0.3053



Tritanopia

59.1932, 0.3330, 0.3125

Trichromacy



Original Color

59.2650, 0.3255, 0.2976

Protanomaly

59.1091, 0.3048, 0.2996

Deuteranomaly

59.1751, 0.3171, 0.3023

Tritanomaly

59.1206, 0.3308, 0.3072

Monochromacy



Original Color

59.2650, 0.3255, 0.2976

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.6106, 0.3172, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2650, 0.3255, 0.2976 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(233, 190, 219)` looks like.

```
.text, #text, p{  
    color:rgb(233, 190, 219)  
}
```

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(233, 190, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 190, 219) }
```

Border

The CSS property to change the border of an element to Yxy 59.2650, 0.3255, 0.2976 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(233, 190, 219) }
```

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

```
.border{ border-color:rgb(233, 190, 219) }
```

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

Here you see how a box with a 4 pixel rgb(233, 190, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 190, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 190, 219);  
box-shadow:4px 4px 4px 4px rgb(233, 190,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2650, 0.3255, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 190, 219) }
```

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

```
.background{ background-color: rgb(233,  
190, 219) }
```

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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