

Converting Colors

Yxy(56.0531, 0.3175, 0.2894)

Have a look what the booklet for
Yxy(56.0531, 0.3175, 0.2894)
contains.

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Color

Yxy(55.9259, 0.3178, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	E1B9DD
RGB	225, 185, 221
RGB Percent	88%, 73%, 87%
CMY	0.1179, 0.2744, 0.1334
CMYK	0.00, 0.18, 0.02, 0.12
HSL	306°, 40%, 80%
HSV	306°, 18%, 88%
XYZ	61.4354, 55.9259, 75.9533
YIQ	201.0640, 12.2840, 19.6760

Conversions

Conversions Part 2

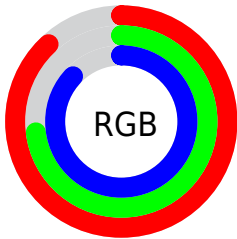
Format	Color
R_{YB}	225, 185, 221
Decimal	14793181
CIE _{Lab}	79.57, 20.36, -12.60
CIE _{LCh}	80, 23.945, 328.262
Yxy	55.9259, 0.3178, 0.2893
Android (android.graphics.Color)	4292983261 (0xFFE1B9DD)
YUV	201.0640, 9.8284, 20.9919
Hunter-Lab	74.7836, 15.7679, -7.8688

Details

The Yxy color $55.9259, 0.3178, 0.2893$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $67.8088, 0.3080, 0.3722$, and the grayscale version is $58.3807, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $27.6907, 0.3183, 0.2799$ is the 20% darker color. If you saturate the color by 10%, you get $47.1298, 0.3211, 0.2664$, and if you desaturate by 10%, it is $66.2174, 0.3148, 0.3120$.

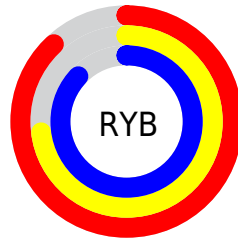
Distribution



Red (88%)

Green (73%)

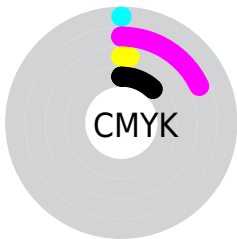
Blue (87%)



Red (88%)

Yellow (73%)

Blue (87%)

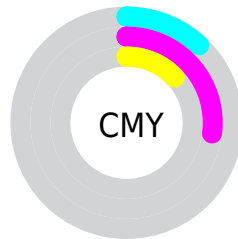


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (12%)



Cyan (12%)


Magenta (27%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9259, 0.3178, 0.2893 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 55.9259, 0.3178, 0.2893 by changing the saturation by 10% instead.


 55.9259, 0.3178,
0.2893

 55.9259, 0.3178,
0.2893

409.4122, 0.3156,
0.3079

 40.1435, 0.3183,
0.2850


 98.8962, 0.3171,
0.2958

 27.6505, 0.3188,
0.2796


126.8530, 0.3168,
0.2983

 18.0623, 0.3195,
0.2728


159.6366, 0.3165,
0.3005

 10.9948, 0.3202,
0.2638

197.6315, 0.3163,
0.3024

 6.0633, 0.3212,
0.2513

241.2222, 0.3161,
0.3040

 2.8836, 0.3222,
0.2332

290.7929, 0.3159,

 1.0713, 0.3229,

0.3055

0.2043

346.7281, 0.3158,
0.3068

0.0000, 0.3529,
0.0000

0.0000, 0.0000,
0.0000

55.9259, 0.3178,
0.2893

55.9259, 0.3178,
0.2893

47.1298, 0.3211,
0.2664

66.2174, 0.3148,
0.3120

39.7519, 0.3247,
0.2441


78.0621, 0.3121,
0.3339


33.7193, 0.3286,
0.2232


91.5240, 0.3098,
0.3546

28.9495, 0.3325,
0.2047


93.2251, 0.3085,
0.3547

 25.3510, 0.3365,
0.1895

 93.3509, 0.3072,
0.3524

 22.8202, 0.3403,
0.1785


 93.4784, 0.3060,
0.3501


 21.2350, 0.3439,
0.1718

 93.6075, 0.3047,
0.3478

 20.4277, 0.3472,
0.1693

 93.7383, 0.3035,
0.3455

 20.2935, 0.3479,
0.1690

 93.8706, 0.3022,
0.3432

Harmonies

Analogous

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



55.9259, 0.2869, 0.2783



55.9259, 0.3178, 0.2893



55.9259, 0.3487, 0.3097

Triad

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



55.9259, 0.3178, 0.2893



55.9259, 0.3626, 0.3794



55.9259, 0.2584, 0.3183

Complementary

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



55.9259, 0.3178, 0.2893



67.8088, 0.3080, 0.3722

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.



55.9259, 0.2769, 0.3486



55.9259, 0.3178, 0.2893



55.9259, 0.3367, 0.3852

Square

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



55.9259, 0.3178, 0.2893



55.9259, 0.3751, 0.3606



55.9259, 0.3053, 0.3740



55.9259, 0.2539, 0.2932

Rectangle

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



55.9259, 0.3178, 0.2893



55.9259, 0.3645, 0.3264



55.9259, 0.3053, 0.3740



55.9259, 0.2632, 0.3283

Sweetspot

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



55.9283, 0.3178, 0.2893



92.0521, 0.3141, 0.3180



50.8805, 0.2861, 0.2812



19.4730, 0.3142, 0.3164



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.



55.9283, 0.3178, 0.2893



70.1265, 0.3189, 0.2815



54.9567, 0.3331, 0.3103



13.9110, 0.3153, 0.3081



11.7111, 0.3474, 0.1688



0.8186, 0.3428, 0.1662

Inverse Universe

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



55.9283, 0.3178, 0.2893



70.1265, 0.3189, 0.2815



68.7048, 0.2960, 0.3486



13.9110, 0.3153, 0.3081



11.7111, 0.3474, 0.1688



0.8186, 0.3428, 0.1662

Previews

White Background



This preview shows how the Yxy color 55.9259, 0.3178, 0.2893 looks on a white background.

Color Contrast Check

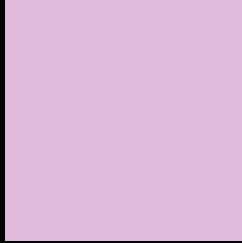
Large Text (above 18pt) WCAG AA × Fail

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 55.9259, 0.3178, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

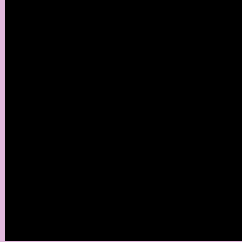
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9259, 0.3178, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 55.9259, 0.3178, 0.2893.



This preview shows how white text looks on a background with the Yxy color 55.9259, 0.3178, 0.2893.

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

55.9259, 0.3178, 0.2893

Protanopia

56.2878, 0.2873, 0.2915

Deuteranopia

55.9884, 0.3032, 0.2967



Tritanopia

55.8078, 0.3292, 0.3120

Trichromacy



Original Color

55.9259, 0.3178, 0.2893

Protanomaly

55.9729, 0.2981, 0.2910

Deuteranomaly

55.7086, 0.3088, 0.2938

Tritanomaly

55.8818, 0.3246, 0.3032

Monochromacy



Original Color

55.9259, 0.3178, 0.2893

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.2859, 0.3150, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9259, 0.3178, 0.2893 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(225, 185, 221)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 221)  
}
```

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(225, 185, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 221) }
```

Border

The CSS property to change the border of an element to Yxy 55.9259, 0.3178, 0.2893 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(225, 185, 221) }
```

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

```
.border{ border-color:rgb(225, 185, 221) }
```

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

Here you see how a box with a 4 pixel rgb(225, 185, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 185, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 185, 221);  
box-shadow:4px 4px 4px 4px rgb(225, 185,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9259, 0.3178, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 221) }
```

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

```
.background{ background-color: rgb(225,  
185, 221) }
```

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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