

Converting Colors

$Y_{xy}(55.1190, 0.3150, 0.2809)$

Have a look what the booklet for
Yxy(55.1190, 0.3150, 0.2809)
contains.

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Color

Yxy(55.1156, 0.3150, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	E2B6E2
RGB	226, 182, 226
RGB Percent	89%, 71%, 89%
CMY	0.1136, 0.2863, 0.1137
CMYK	0.00, 0.19, 0.00, 0.11
HSL	300°, 43%, 80%
HSV	300°, 19%, 89%
XYZ	61.8284, 55.1156, 79.3366
YIQ	200.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

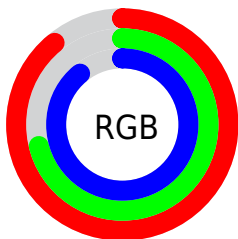
Format	Color
R _Y B	226, 182, 226
Decimal	14857954
CIE Lab	79.11, 23.28, -15.99
CIE LCh	79, 28.247, 325.519
Yxy	55.1156, 0.3150, 0.2808
Android (android.graphics.Color)	4293048034 (0xFFE2B6E2)
YUV	200.1720, 12.7332, 22.6512
Hunter-Lab	74.2399, 18.7384, -11.3925

Details

The Yxy color $55.1156, 0.3150, 0.2808$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $67.7346, 0.3102, 0.3824$, and the grayscale version is $57.7879, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $27.1868, 0.3144, 0.2690$ is the 20% darker color. If you saturate the color by 10%, you get $46.5948, 0.3162, 0.2559$, and if you desaturate by 10%, it is $65.1355, 0.3138, 0.3058$.

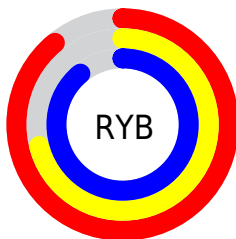
Distribution



Red (89%)

Green (71%)

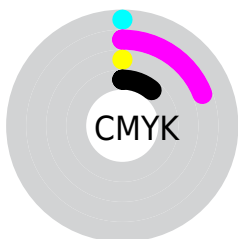
Blue (89%)



Red (89%)

Yellow (71%)

Blue (89%)

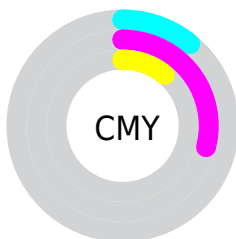


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1156, 0.3150, 0.2808 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 55.1156, 0.3150, 0.2808 by changing the saturation by 10% instead.

 55.1156, 0.3150,
0.2808

 55.1156, 0.3150,
0.2808


406.3500, 0.3143,
0.3033

 39.4943, 0.3151,
0.2756


 97.7103, 0.3148,
0.2886

 27.1445, 0.3151,
0.2692


125.4525, 0.3147,
0.2917

 17.6817, 0.3151,
0.2610

158.0037, 0.3146,
0.2943

 10.7217, 0.3150,
0.2503

195.7485, 0.3145,
0.2966

 5.8801, 0.3145,
0.2357

239.0711, 0.3145,
0.2986

 2.7723, 0.3133,
0.2146

288.3559, 0.3144,

 1.0140, 0.3100,

0.3003

0.1818

343.9874, 0.3143,
0.3019

0.0000, 0.3194,
0.0000

0.0000, 0.0000,
0.0000

55.1156, 0.3150,
0.2808

55.1156, 0.3150,
0.2808

46.5948, 0.3162,
0.2559

65.1355, 0.3138,
0.3058

39.4942, 0.3173,
0.2320


76.7139, 0.3127,
0.3302


33.7389, 0.3184,
0.2101


89.9161, 0.3116,
0.3536


29.2440, 0.3193,
0.1910

93.1892, 0.3113,
0.3587


 25.9150, 0.3200,
0.1756


 93.1900, 0.3113,
0.3587


 23.6443, 0.3206,
0.1645


 93.1908, 0.3113,
0.3587


 22.3042, 0.3209,
0.1576

 93.1916, 0.3113,
0.3587

 21.6851, 0.3211,
0.1544

 93.1924, 0.3113,
0.3587

 21.6598, 0.3211,
0.1542

 93.1931, 0.3113,
0.3586

Harmonies

Analogous

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



55.1156, 0.2791, 0.2690



55.1156, 0.3150, 0.2808



55.1156, 0.3522, 0.3036

Triad

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



55.1156, 0.3150, 0.2808



55.1156, 0.3737, 0.3869



55.1156, 0.2502, 0.3191

Complementary

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



55.1156, 0.3150, 0.2808



67.7346, 0.3102, 0.3824

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.



55.1156, 0.2729, 0.3555



55.1156, 0.3150, 0.2808



55.1156, 0.3440, 0.3962

Square

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



55.1156, 0.3150, 0.2808



55.1156, 0.3871, 0.3631



55.1156, 0.3070, 0.3849



55.1156, 0.2434, 0.2886

Rectangle

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



55.1156, 0.3150, 0.2808



55.1156, 0.3721, 0.3228



55.1156, 0.3070, 0.3849



55.1156, 0.2561, 0.3311

Sweetspot

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



55.1180, 0.3150, 0.2808



90.6231, 0.3134, 0.3143



48.8888, 0.2804, 0.2755



19.1885, 0.3135, 0.3127



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.



55.1180, 0.3150, 0.2808



68.1156, 0.3154, 0.2716



53.9868, 0.3325, 0.3043



13.9355, 0.3138, 0.3059



12.3525, 0.3211, 0.1542



0.8563, 0.3211, 0.1542

Inverse Universe

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



55.1180, 0.3150, 0.2808



68.1156, 0.3154, 0.2716



68.7167, 0.2966, 0.3551



13.9355, 0.3138, 0.3059



12.3525, 0.3211, 0.1542



0.8563, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 55.1156, 0.3150, 0.2808 looks on a white background.

Color Contrast Check

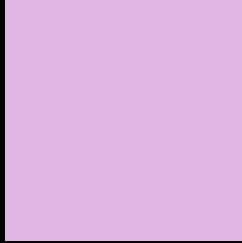
Large Text (above 18pt) WCAG AA × Fail

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 55.1156, 0.3150, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

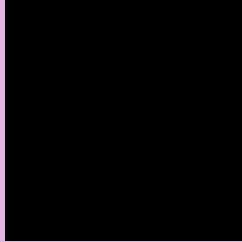
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1156, 0.3150, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 55.1156, 0.3150, 0.2808.



This preview shows how white text looks on a background with the Yxy color 55.1156, 0.3150, 0.2808.

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

55.1156, 0.3150, 0.2808

Protanopia

55.2155, 0.2804, 0.2821

Deuteranopia

55.2000, 0.2973, 0.2908



Tritanopia

54.8645, 0.3311, 0.3120

Trichromacy



Original Color

55.1156, 0.3150, 0.2808

Protanomaly

55.1530, 0.2924, 0.2820

Deuteranomaly

55.2516, 0.3036, 0.2870

Tritanomaly

55.0390, 0.3248, 0.3009

Monochromacy



Original Color

55.1156, 0.3150, 0.2808

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.2987, 0.3136, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1156, 0.3150, 0.2808 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(226, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 226)  
}
```

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(226, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 226) }
```

Border

The CSS property to change the border of an element to Yxy 55.1156, 0.3150, 0.2808 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(226, 182, 226) }
```

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

```
.border{ border-color:rgb(226, 182, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1156, 0.3150, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 226) }
```

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

```
.background{ background-color: rgb(226,  
182, 226) }
```

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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