

Converting Colors

$Y_{xy}(55.0085, 0.3138, 0.2819)$

Have a look what the booklet for
Yxy(55.0085, 0.3138, 0.2819)
contains.

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Color

Yxy(55.1505, 0.3141, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	E0B7E1
RGB	224, 183, 225
RGB Percent	88%, 72%, 88%
CMY	0.1214, 0.2824, 0.1176
CMYK	0.00, 0.19, 0.00, 0.12
HSL	299°, 41%, 80%
HSV	299°, 19%, 88%
XYZ	61.2762, 55.1505, 78.6582
YIQ	200.0470, 10.9540, 21.7540

Conversions

Conversions Part 2

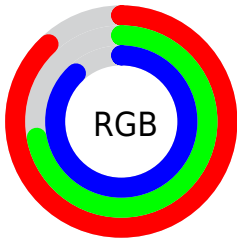
Format	Color
R _Y B	224, 183, 225
Decimal	14727137
CIE Lab	79.13, 21.90, -15.44
CIE LCh	79, 26.800, 324.816
Yxy	55.1505, 0.3141, 0.2827
Android (android.graphics.Color)	4292917217 (0xFFE0B7E1)
YUV	200.0470, 12.3018, 21.0068
Hunter-Lab	74.2634, 17.3229, -10.8144

Details

The Yxy color $55.1505, 0.3141, 0.2827$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $67.4604, 0.3110, 0.3799$, and the grayscale version is $57.7109, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $27.1924, 0.3132, 0.2714$ is the 20% darker color. If you saturate the color by 10%, you get $46.5191, 0.3148, 0.2576$, and if you desaturate by 10%, it is $65.2707, 0.3134, 0.3078$.

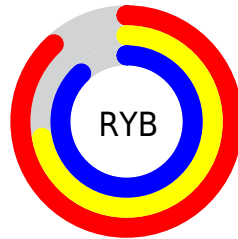
Distribution



Red (88%)

Green (72%)

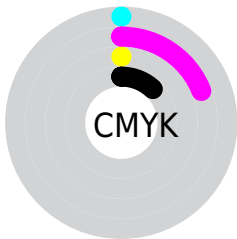
Blue (88%)



Red (88%)

Yellow (72%)

Blue (88%)

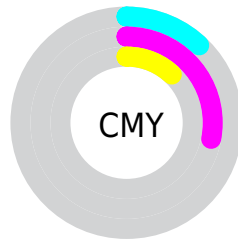


Cyan (0%)

Magenta (19%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (28%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1505, 0.3141, 0.2827 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 55.1505, 0.3141, 0.2827 by changing the saturation by 10% instead.


 55.1505, 0.3141,
0.2827

 55.1505, 0.3141,
0.2827

406.4822, 0.3138,
0.3044

 39.5222, 0.3141,
0.2777


 97.7614, 0.3141,
0.2903

 27.1662, 0.3140,
0.2715


125.5129, 0.3140,
0.2932

 17.6981, 0.3139,
0.2636

158.0742, 0.3140,
0.2957

 10.7335, 0.3136,
0.2532

195.8297, 0.3139,
0.2979

 5.8879, 0.3129,
0.2390

239.1639, 0.3139,
0.2998

 2.7770, 0.3114,
0.2185

288.4611, 0.3138,

 1.0165, 0.3076,

0.3015

0.1863

344.1057, 0.3138,
0.3030

■ 0.0000, 0.3125,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1505, 0.3141,
0.2827

■ 55.1505, 0.3141,
0.2827

■ 46.5191, 0.3148,
0.2576

■ 65.2707, 0.3134,
0.3078

■ 39.2989, 0.3153,
0.2333

■ 76.9382, 0.3126,
0.3322

■ 33.4163, 0.3157,
0.2108

■ 90.2172, 0.3118,
0.3554

■ 28.7881, 0.3160,
0.1910

■ 93.1446, 0.3120,
0.3598

■ 25.3217, 0.3161,
0.1749

■ 93.2285, 0.3123,
0.3598

■ 22.9119, 0.3159,
0.1629

■ 93.3126, 0.3126,
0.3598

■ 21.4345, 0.3156,
0.1552

■ 93.3970, 0.3129,
0.3597

■ 20.7024, 0.3152,
0.1514

■ 93.4816, 0.3132,
0.3597

■ 20.6271, 0.3151,
0.1510

■ 93.5665, 0.3136,
0.3597

Harmonies

Analogous

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



55.1505, 0.2802, 0.2718



55.1505, 0.3141, 0.2827



55.1505, 0.3495, 0.3043

Triad

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



55.1505, 0.3141, 0.2827



55.1505, 0.3712, 0.3837



55.1505, 0.2536, 0.3205

Complementary

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



55.1505, 0.3141, 0.2827



67.4604, 0.3110, 0.3799

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.



55.1505, 0.2756, 0.3549



55.1505, 0.3141, 0.2827



55.1505, 0.3433, 0.3926

Square

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



55.1505, 0.3141, 0.2827



55.1505, 0.3833, 0.3610



55.1505, 0.3082, 0.3823



55.1505, 0.2467, 0.2913

Rectangle

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



55.1505, 0.3141, 0.2827



55.1505, 0.3684, 0.3226



55.1505, 0.3082, 0.3823



55.1505, 0.2594, 0.3319

Sweetspot

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



55.1529, 0.3141, 0.2827



90.5570, 0.3132, 0.3143



49.9445, 0.2820, 0.2798



19.1728, 0.3132, 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.



55.1529, 0.3141, 0.2827



69.0369, 0.3143, 0.2739



54.2981, 0.3304, 0.3038



13.9187, 0.3134, 0.3059



11.8922, 0.3152, 0.1510



0.8295, 0.3161, 0.1515

Inverse Universe

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



53.3296, 0.3483, 0.3280



66.2399, 0.3567, 0.3278



68.2158, 0.2981, 0.3557



13.7056, 0.3288, 0.3285



9.2331, 0.6375, 0.3286



0.6418, 0.6300, 0.3244

Previews

White Background



This preview shows how the Yxy color 55.1505, 0.3141, 0.2827 looks on a white background.

Color Contrast Check

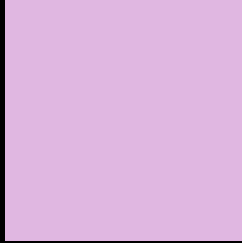
Large Text (above 18pt) WCAG AA × Fail

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 55.1505, 0.3141, 0.2827 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 55.1505, 0.3141, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 55.1505, 0.3141, 0.2827.



This preview shows how white text looks on a background with the Yxy color 55.1505, 0.3141, 0.2827.

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

55.1505, 0.3141, 0.2827

Protanopia

55.1581, 0.2811, 0.2832

Deuteranopia

55.1459, 0.2980, 0.2919



Tritanopia

55.1771, 0.3293, 0.3119

Trichromacy



Original Color

55.1505, 0.3141, 0.2827

Protanomaly

54.9576, 0.2924, 0.2830

Deuteranomaly

55.0499, 0.3035, 0.2880

Tritanomaly

55.3005, 0.3239, 0.3020

Monochromacy



Original Color

55.1505, 0.3141, 0.2827

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.7423, 0.3135, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1505, 0.3141, 0.2827 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(224, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(224, 183, 225)  
}
```

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(224, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 183, 225) }
```

Border

The CSS property to change the border of an element to Yxy 55.1505, 0.3141, 0.2827 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(224, 183, 225) }
```

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

```
.border{ border-color:rgb(224, 183, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 183, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 183, 225);  
box-shadow:4px 4px 4px 4px rgb(224, 183,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1505, 0.3141, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 183, 225) }
```

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

```
.background{ background-color: rgb(224,  
183, 225) }
```

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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