

Converting Colors

Yxy(55.9923, 0.3137, 0.2837)

Have a look what the booklet for
Yxy(55.9923, 0.3137, 0.2837)
contains.

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Color

Yxy(56.1965, 0.3140, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	E1B9E2
RGB	225, 185, 226
RGB Percent	88%, 73%, 89%
CMY	0.1176, 0.2745, 0.1136
CMYK	0.00, 0.18, 0.00, 0.11
HSL	299°, 41%, 81%
HSV	299°, 18%, 89%
XYZ	62.1328, 56.1965, 79.5457
YIQ	201.6340, 10.6790, 21.2310

Conversions

Conversions Part 2

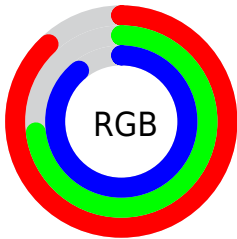
Format	Color
R _Y B	225, 185, 226
Decimal	14793186
CIE Lab	79.73, 21.33, -15.08
CIE LCh	80, 26.126, 324.734
Yxy	56.1965, 0.3140, 0.2840
Android (android.graphics.Color)	4292983266 (0xFFE1B9E2)
YUV	201.6340, 12.0124, 20.4920
Hunter-Lab	74.9643, 16.7587, -10.4385

Details

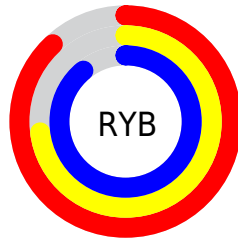
The Yxy color **56.1965, 0.3140, 0.2840** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.3545, 0.3111, 0.3783**, and the grayscale version is **58.7442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **27.8778, 0.3132, 0.2731** is the 20% darker color. If you saturate the color by 10%, you get **47.3914, 0.3146, 0.2589**, and if you desaturate by 10%, it is **66.5101, 0.3133, 0.3091**.

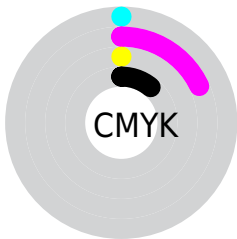
Distribution



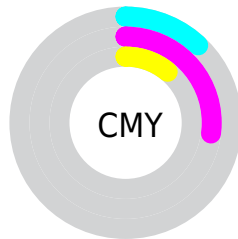
- Red (88%)
- Green (73%)
- Blue (89%)



- Red (88%)
- Yellow (73%)
- Blue (89%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)





- Cyan (12%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1965, 0.3140, 0.2840 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 56.1965, 0.3140, 0.2840 by changing the saturation by 10% instead.


 56.1965, 0.3140,
0.2840

 56.1965, 0.3140,
0.2840


410.4316, 0.3137,
0.3050

 40.3605, 0.3140,
0.2792


 99.2918, 0.3140,
0.2913

 27.8197, 0.3139,
0.2732


127.3199, 0.3139,
0.2942

 18.1898, 0.3138,
0.2655


160.1809, 0.3139,
0.2966

 11.0863, 0.3135,
0.2555

198.2590, 0.3138,
0.2987

 6.1249, 0.3129,
0.2419

241.9387, 0.3138,
0.3006

 2.9212, 0.3115,
0.2221

291.6045, 0.3138,

 1.0907, 0.3080,

0.3022

0.1911

347.6407, 0.3137,
0.3037

0.0000, 0.3248,
0.0000

0.0000, 0.0000,
0.0000

56.1965, 0.3140,
0.2840

56.1965, 0.3140,
0.2840

47.3914, 0.3146,
0.2589

66.5101, 0.3133,
0.3091

40.0165, 0.3151,
0.2345

78.3912, 0.3126,
0.3334

33.9979, 0.3155,
0.2118

91.9042, 0.3118,
0.3565

29.2516, 0.3157,
0.1918

93.3864, 0.3121,
0.3587

25.6849, 0.3158,
0.1754

93.4784, 0.3124,
0.3587

23.1919, 0.3156,
0.1632

93.5706, 0.3128,
0.3586

21.6484, 0.3152,
0.1553

93.6632, 0.3131,
0.3586

20.8770, 0.3147,
0.1512

93.7560, 0.3135,
0.3586

20.7701, 0.3146,
0.1507

93.8492, 0.3138,
0.3585

Harmonies

Analogous

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



56.1965, 0.2811, 0.2734



56.1965, 0.3140, 0.2840



56.1965, 0.3482, 0.3050

Triad

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



56.1965, 0.3140, 0.2840



56.1965, 0.3694, 0.3820



56.1965, 0.2554, 0.3210

Complementary

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



56.1965, 0.3140, 0.2840



68.3545, 0.3111, 0.3783

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.



56.1965, 0.2769, 0.3541



56.1965, 0.3140, 0.2840



56.1965, 0.3425, 0.3906

Square

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



56.1965, 0.3140, 0.2840



56.1965, 0.3811, 0.3600



56.1965, 0.3085, 0.3806



56.1965, 0.2487, 0.2926

Rectangle

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



56.1965, 0.3140, 0.2840



56.1965, 0.3666, 0.3227



56.1965, 0.3085, 0.3806



56.1965, 0.2611, 0.3320

Sweetspot

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



56.1989, 0.3140, 0.2840



92.0729, 0.3131, 0.3168



51.0792, 0.2829, 0.2813



19.4781, 0.3131, 0.3150



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.



56.1989, 0.3140, 0.2840



69.0165, 0.3143, 0.2739



55.3704, 0.3298, 0.3045



13.9173, 0.3134, 0.3059



11.8538, 0.3147, 0.1507



0.8272, 0.3157, 0.1513

Inverse Universe

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



54.4173, 0.3470, 0.3279



66.2450, 0.3567, 0.3277



69.0908, 0.2985, 0.3548



13.7060, 0.3288, 0.3285



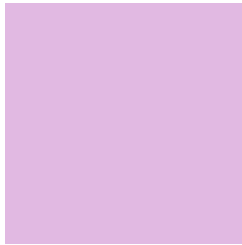
9.2339, 0.6373, 0.3284



0.6420, 0.6292, 0.3240

Previews

White Background



This preview shows how the Yxy color 56.1965, 0.3140, 0.2840 looks on a white background.

Color Contrast Check

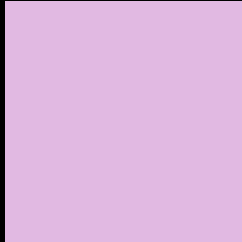
Large Text (above 18pt) WCAG AA × Fail

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 56.1965, 0.3140, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

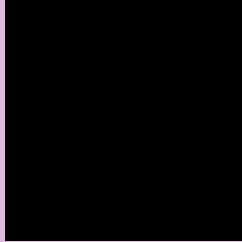
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1965, 0.3140, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 56.1965, 0.3140, 0.2840.



This preview shows how white text looks on a background with the Yxy color 56.1965, 0.3140, 0.2840.

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

56.1965, 0.3140, 0.2840

Protanopia

56.3102, 0.2826, 0.2858

Deuteranopia

56.4135, 0.2982, 0.2922



Tritanopia

56.2844, 0.3283, 0.3120

Trichromacy



Original Color

56.1965, 0.3140, 0.2840

Protanomaly

56.1090, 0.2939, 0.2855

Deuteranomaly

56.2602, 0.3043, 0.2894

Tritanomaly

56.4079, 0.3230, 0.3021

Monochromacy



Original Color

56.1965, 0.3140, 0.2840

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.8846, 0.3127, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1965, 0.3140, 0.2840 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, 226)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 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(225, 185, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 226) }
```

Border

The CSS property to change the border of an element to Yxy 56.1965, 0.3140, 0.2840 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, 226) }
```

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

```
.border{ border-color:rgb(225, 185, 226) }
```

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, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 185, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 185, 226); box-shadow:4px 4px 4px 4px rgb(225, 185, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1965, 0.3140, 0.2840 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, 226) }
```

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

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