

Converting Colors

Yxy(56.2586, 0.3158, 0.2836)

Have a look what the booklet for
Yxy(56.2586, 0.3158, 0.2836)
contains.

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Color

Yxy(56.1029, 0.3157, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	E3B8E2
RGB	227, 184, 226
RGB Percent	89%, 72%, 89%
CMY	0.1098, 0.2784, 0.1139
CMYK	0.00, 0.19, 0.00, 0.11
HSL	301°, 43%, 81%
HSV	301°, 19%, 89%
XYZ	62.5413, 56.1029, 79.4593
YIQ	201.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

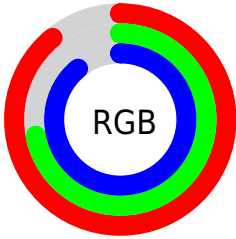
Format	Color
R _Y B	227, 184, 226
Decimal	14924002
CIE Lab	79.67, 22.51, -15.11
CIE LCh	80, 27.111, 326.126
Yxy	56.1029, 0.3157, 0.2832
Android (android.graphics.Color)	4293114082 (0xFFE3B8E2)
YUV	201.6450, 12.0070, 22.2363
Hunter-Lab	74.9019, 17.9649, -10.4662

Details

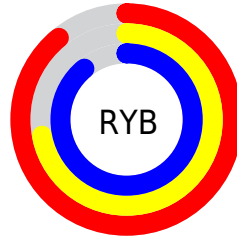
The Yxy color $56.1029, 0.3157, 0.2832$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $68.6319, 0.3096, 0.3795$, and the grayscale version is $58.7488, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $27.8308, 0.3154, 0.2721$ is the 20% darker color. If you saturate the color by 10%, you get $47.3887, 0.3174, 0.2588$, and if you desaturate by 10%, it is $66.3352, 0.3141, 0.3077$.

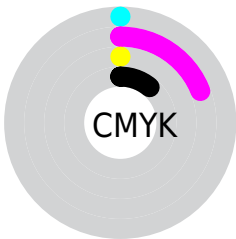
Distribution



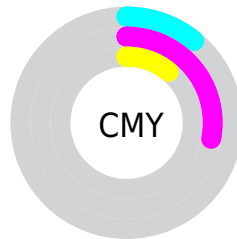
- Red (89%)
- Green (72%)
- Blue (89%)



- Red (89%)
- Yellow (72%)
- Blue (89%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1029, 0.3157, 0.2832 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 56.1029, 0.3157, 0.2832 by changing the saturation by 10% instead.


 56.1029, 0.3157,
0.2832

 56.1029, 0.3157,
0.2832

410.0792, 0.3146,
0.3046

 40.2854, 0.3159,
0.2783


 99.1550, 0.3154,
0.2906

 27.7612, 0.3161,
0.2722


127.1584, 0.3152,
0.2935

 18.1457, 0.3162,
0.2645


159.9927, 0.3151,
0.2960

 11.0546, 0.3163,
0.2543

198.0420, 0.3150,
0.2982

 6.1036, 0.3162,
0.2405

241.6910, 0.3149,
0.3001

 2.9082, 0.3156,
0.2204

291.3239, 0.3148,

 1.0840, 0.3135,

0.3017

0.1892

347.3252, 0.3147,
0.3032

0.0000, 0.3360,
0.0000

0.0000, 0.0000,
0.0000

56.1029, 0.3157,
0.2832

56.1029, 0.3157,
0.2832

47.3887, 0.3174,
0.2588

66.3352, 0.3141,
0.3077

40.1132, 0.3191,
0.2352

78.1456, 0.3126,
0.3315

34.2011, 0.3208,
0.2134

91.5996, 0.3112,
0.3542

29.5671, 0.3224,
0.1944

93.4593, 0.3107,
0.3565

26.1163, 0.3239,
0.1790

93.4895, 0.3104,
0.3559

23.7409, 0.3251,
0.1678

93.5199, 0.3101,
0.3554

22.3131, 0.3261,
0.1609

93.5503, 0.3098,
0.3548

21.6362, 0.3270,
0.1578

93.5808, 0.3095,
0.3542

21.5806, 0.3271,
0.1575

93.6115, 0.3092,
0.3536

Harmonies

Analogous

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



56.1029, 0.2813, 0.2717



56.1029, 0.3157, 0.2832



56.1029, 0.3511, 0.3053

Triad

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



56.1029, 0.3157, 0.2832



56.1029, 0.3705, 0.3847



56.1029, 0.2526, 0.3190

Complementary

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



56.1029, 0.3157, 0.2832



68.6319, 0.3096, 0.3795

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.



56.1029, 0.2742, 0.3536



56.1029, 0.3157, 0.2832



56.1029, 0.3420, 0.3930

Square

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



56.1029, 0.3157, 0.2832



56.1029, 0.3836, 0.3623



56.1029, 0.3066, 0.3818



56.1029, 0.2465, 0.2900

Rectangle

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



56.1029, 0.3157, 0.2832



56.1029, 0.3698, 0.3238



56.1029, 0.3066, 0.3818



56.1029, 0.2582, 0.3304

Sweetspot

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



56.1053, 0.3157, 0.2832



90.6001, 0.3136, 0.3147



50.1124, 0.2819, 0.2773



19.1830, 0.3137, 0.3131



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.



56.1053, 0.3157, 0.2832



68.0279, 0.3164, 0.2729



55.0137, 0.3325, 0.3058



14.6090, 0.3142, 0.3064



12.5891, 0.3270, 0.1575



0.9322, 0.3260, 0.1570

Inverse Universe

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



56.1053, 0.3157, 0.2832



68.0279, 0.3164, 0.2729



69.5943, 0.2966, 0.3535



14.6090, 0.3142, 0.3064



12.5891, 0.3270, 0.1575



0.9322, 0.3260, 0.1570

Previews

White Background



This preview shows how the Yxy color 56.1029, 0.3157, 0.2832 looks on a white background.

Color Contrast Check

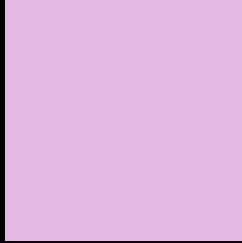
Large Text (above 18pt) WCAG AA × Fail

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 56.1029, 0.3157, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

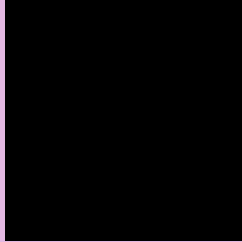
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1029, 0.3157, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 56.1029, 0.3157, 0.2832.



This preview shows how white text looks on a background with the Yxy color 56.1029, 0.3157, 0.2832.

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

56.1029, 0.3157, 0.2832

Protanopia

56.3675, 0.2820, 0.2847

Deuteranopia

56.3591, 0.2988, 0.2933



Tritanopia

56.1255, 0.3309, 0.3121

Trichromacy



Original Color

56.1029, 0.3157, 0.2832

Protanomaly

56.1653, 0.2932, 0.2844

Deuteranomaly

56.2602, 0.3043, 0.2894

Tritanomaly

56.2513, 0.3255, 0.3022

Monochromacy



Original Color

56.1029, 0.3157, 0.2832

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.5822, 0.3136, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1029, 0.3157, 0.2832 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(227, 184, 226)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 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(227, 184, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 226) }
```

Border

The CSS property to change the border of an element to Yxy 56.1029, 0.3157, 0.2832 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(227, 184, 226) }
```

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

```
.border{ border-color:rgb(227, 184, 226) }
```

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

Here you see how a box with a 4 pixel rgb(227, 184, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 226);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1029, 0.3157, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 184, 226) }
```

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

```
.background{ background-color: rgb(227,  
184, 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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