

Converting Colors

Yxy(55.9518, 0.3167, 0.2843)

Have a look what the booklet for
Yxy(55.9518, 0.3167, 0.2843)
contains.

Yxy(56.0481, 0.3164, 0.2842)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.0481, 0.3164, 0.2842)

Conversions

Conversions Part 1

Format	Color
Hex	E3B8E1
RGB	227, 184, 225
RGB Percent	89%, 72%, 88%
CMY	0.1100, 0.2783, 0.1176
CMYK	0.00, 0.19, 0.01, 0.11
HSL	303°, 43%, 81%
HSV	303°, 19%, 89%
XYZ	62.3984, 56.0481, 78.7671
YIQ	201.5310, 12.4670, 21.8670

Conversions

Conversions Part 2

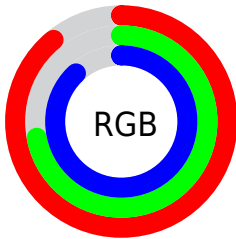
Format	Color
R_{YB}	227, 184, 225
Decimal	14924001
CIE _{Lab}	79.64, 22.31, -14.64
CIE _{LCh}	80, 26.686, 326.729
Yxy	56.0481, 0.3164, 0.2842
Android (android.graphics.Color)	4293114081 (0xFFE3B8E1)
YUV	201.5310, 11.5702, 22.3363
Hunter-Lab	74.8653, 17.7611, -9.9744

Details

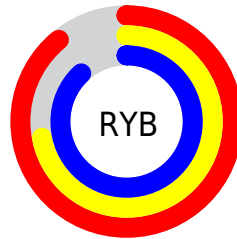
The Yxy color $56.0481, 0.3164, 0.2842$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $68.6487, 0.3091, 0.3783$, and the grayscale version is $58.6757, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $27.7928, 0.3164, 0.2734$ is the 20% darker color. If you saturate the color by 10%, you get $47.3084, 0.3186, 0.2602$, and if you desaturate by 10%, it is $66.3056, 0.3144, 0.3082$.

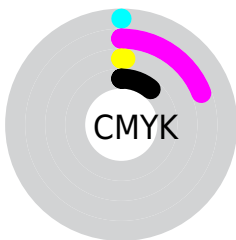
Distribution



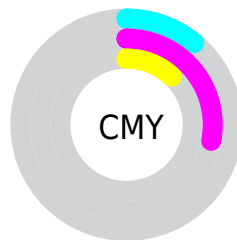
- Red (89%)
- Green (72%)
- Blue (88%)



- Red (89%)
- Yellow (72%)
- Blue (88%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0481, 0.3164, 0.2842 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 56.0481, 0.3164, 0.2842 by changing the saturation by 10% instead.


 56.0481, 0.3164,
0.2842

 56.0481, 0.3164,
0.2842


409.8727, 0.3150,
0.3051

 40.2415, 0.3167,
0.2794


 99.0749, 0.3159,
0.2915

 27.7269, 0.3170,
0.2734


127.0639, 0.3158,
0.2943

 18.1199, 0.3173,
0.2658


159.8824, 0.3156,
0.2967

 11.0361, 0.3176,
0.2559

197.9150, 0.3154,
0.2989

 6.0911, 0.3178,
0.2422

241.5459, 0.3153,
0.3007

 2.9006, 0.3176,
0.2225

291.1595, 0.3152,

 1.0800, 0.3162,

0.3024

0.1916

347.1404, 0.3151,
0.3038

0.0000, 0.3408,
0.0000

0.0000, 0.0000,
0.0000

56.0481, 0.3164,
0.2842

56.0481, 0.3164,
0.2842

47.3084, 0.3186,
0.2602

66.3056, 0.3144,
0.3082

40.0073, 0.3208,
0.2370

78.1407, 0.3125,
0.3315

34.0693, 0.3231,
0.2155

91.6191, 0.3108,
0.3537

29.4092, 0.3253,
0.1967

93.5068, 0.3101,
0.3555

■ 25.9323, 0.3275,
0.1815

■ 93.5645, 0.3096,
0.3544

■ 23.5307, 0.3294,
0.1704

■ 93.6225, 0.3090,
0.3533

■ 22.0768, 0.3311,
0.1637

■ 93.6808, 0.3084,
0.3522

■ 21.3746, 0.3326,
0.1609

■ 93.7395, 0.3078,
0.3512

■ 21.3154, 0.3327,
0.1607

■ 93.7986, 0.3072,
0.3501

Harmonies

Analogous

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



56.0481, 0.2824, 0.2726



56.0481, 0.3164, 0.2842



56.0481, 0.3511, 0.3062

Triad

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



56.0481, 0.3164, 0.2842



56.0481, 0.3692, 0.3842



56.0481, 0.2532, 0.3185

Complementary

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



56.0481, 0.3164, 0.2842



68.6487, 0.3091, 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.



56.0481, 0.2742, 0.3525



56.0481, 0.3164, 0.2842



56.0481, 0.3409, 0.3919

Square

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



56.0481, 0.3164, 0.2842



56.0481, 0.3825, 0.3624



56.0481, 0.3060, 0.3805



56.0481, 0.2475, 0.2902

Rectangle

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



56.0481, 0.3164, 0.2842



56.0481, 0.3694, 0.3245



56.0481, 0.3060, 0.3805



56.0481, 0.2587, 0.3297

Sweetspot

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



56.0505, 0.3164, 0.2842



90.5791, 0.3138, 0.3150



50.2054, 0.2825, 0.2774



19.1780, 0.3140, 0.3134



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.



56.0505, 0.3164, 0.2842



67.9479, 0.3173, 0.2740



54.9763, 0.3330, 0.3066



14.6034, 0.3145, 0.3069



12.4421, 0.3326, 0.1606



0.9229, 0.3307, 0.1595

Inverse Universe

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



56.0505, 0.3164, 0.2842



67.9479, 0.3173, 0.2740



69.6058, 0.2962, 0.3526



14.6034, 0.3145, 0.3069



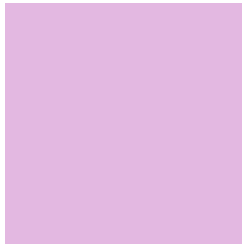
12.4421, 0.3326, 0.1606



0.9229, 0.3307, 0.1595

Previews

White Background



This preview shows how the Yxy color 56.0481, 0.3164, 0.2842 looks on a white background.

Color Contrast Check

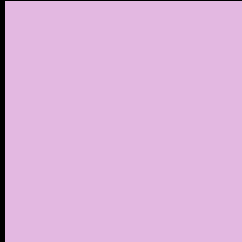
Large Text (above 18pt) WCAG AA × Fail

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 56.0481, 0.3164, 0.2842 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 56.0481, 0.3164, 0.2842

Background



This preview shows how black text looks on a background with the Yxy color 56.0481, 0.3164, 0.2842.



This preview shows how white text looks on a background with the Yxy color 56.0481, 0.3164, 0.2842.

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

56.0481, 0.3164, 0.2842

Protanopia

56.3102, 0.2826, 0.2858

Deuteranopia

56.0061, 0.3003, 0.2933



Tritanopia

56.1255, 0.3309, 0.3121

Trichromacy



Original Color

56.0481, 0.3164, 0.2842

Protanomaly

56.1090, 0.2939, 0.2855

Deuteranomaly

55.9231, 0.3058, 0.2894

Tritanomaly

56.2513, 0.3255, 0.3022

Monochromacy



Original Color

56.0481, 0.3164, 0.2842

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.5322, 0.3143, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0481, 0.3164, 0.2842 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(227, 184, 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(227, 184, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 184, 225) }
```

Border

The CSS property to change the border of an element to Yxy 56.0481, 0.3164, 0.2842 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, 225) }
```

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

```
.border{ border-color:rgb(227, 184, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 184, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 184, 225);  
box-shadow:4px 4px 4px 4px rgb(227, 184,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0481, 0.3164, 0.2842 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, 225) }
```

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

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

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor