

Converting Colors

$Yxy(44.0862, 0.3462, 0.2827)$

Have a look what the booklet for
Yxy(44.0862, 0.3462, 0.2827)
contains.

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Color

Yxy(44.0862, 0.3462, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	E59BC4
RGB	229, 155, 196
RGB Percent	90%, 61%, 77%
CMY	0.1021, 0.3921, 0.2315
CMYK	0.00, 0.32, 0.14, 0.10
HSL	327°, 59%, 75%
HSV	327°, 32%, 90%
XYZ	53.9888, 44.0862, 57.8719
YIQ	181.8000, 30.9430, 28.4390

Conversions

Conversions Part 2

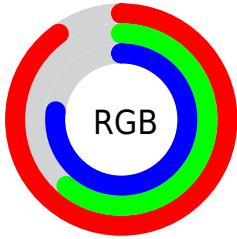
Format	Color
R _Y B	229, 155, 196
Decimal	15047620
CIE Lab	72.29, 33.54, -9.79
CIE LCh	72, 34.943, 343.731
Yxy	44.0862, 0.3462, 0.2827
Android (android.graphics.Color)	4293237700 (0xFFE59BC4)
YUV	181.8000, 7.0006, 41.3944
Hunter-Lab	66.3974, 28.9457, -5.1989

Details

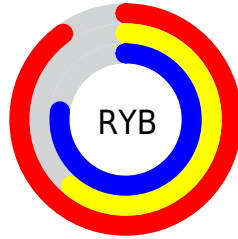
The Yxy color **44.0862, 0.3462, 0.2827** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.6257, 0.2892, 0.3807**, and the grayscale version is **46.6139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4450, 0.3161, 0.2869**, and **20.4241, 0.3552, 0.2713** is the 20% darker color. If you saturate the color by 10%, you get **36.7250, 0.3608, 0.2682**, and if you desaturate by 10%, it is **52.9282, 0.3337, 0.2975**.

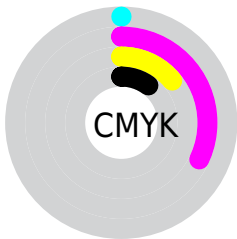
Distribution



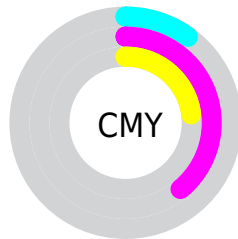
- Red (90%)
- Green (61%)
- Blue (77%)



- Red (90%)
- Yellow (61%)
- Blue (77%)



- Cyan (0%)
- Magenta (32%)
- Yellow (14%)
- Black (10%)




- Cyan (10%)
- Magenta (39%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0862, 0.3462, 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 44.0862, 0.3462, 0.2827 by changing the saturation by 10% instead.

 44.0862, 0.3462,
0.2827

 44.0862, 0.3462,
0.2827


363.0599, 0.3297,
0.3052

 30.7383, 0.3502,
0.2773


 81.3474, 0.3403,
0.2907

 20.3996, 0.3553,
0.2705


 106.0295, 0.3380,
0.2938

 12.6859, 0.3621,
0.2616


135.2585, 0.3361,
0.2964

 7.2126, 0.3713,
0.2495

169.4187, 0.3345,
0.2986

 3.5954, 0.3847,
0.2323

208.8946, 0.3331,
0.3006

 1.4499, 0.4058,
0.2060

254.0705, 0.3318,

 0.2531, 0.4707,

0.3023

0.1104

305.3308, 0.3307,
0.3038

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.0862, 0.3462,
0.2827

■ 44.0862, 0.3462,
0.2827

■ 36.7250, 0.3608,
0.2682

■ 52.9282, 0.3337,
0.2975

■ 30.7560, 0.3777,
0.2548

■ 63.3209, 0.3233,
0.3120

■ 26.0904, 0.3966,
0.2436

■ 75.3371, 0.3145,
0.3259

■ 22.6268, 0.4171,
0.2358

■ 89.0433, 0.3072,
0.3390

■ 20.2482, 0.4385,
0.2326

■ 94.8926, 0.3013,
0.3369

■ 18.8143, 0.4598,
0.2347

■ 95.3934, 0.2970,
0.3290

■ 18.1804, 0.4758,
0.2395

Harmonies

Analogous

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



44.0862, 0.2955, 0.2585



44.0862, 0.3462, 0.2827



44.0862, 0.3901, 0.3176

Triad

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



44.0862, 0.3462, 0.2827



44.0862, 0.3706, 0.4166



44.0862, 0.2231, 0.2884

Complementary

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



44.0862, 0.3462, 0.2827



66.6257, 0.2892, 0.3807

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.



44.0862, 0.2398, 0.3339



44.0862, 0.3462, 0.2827



44.0862, 0.3236, 0.4145

Square

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



44.0862, 0.3462, 0.2827



44.0862, 0.4036, 0.3934



44.0862, 0.2758, 0.3828



44.0862, 0.2278, 0.2592

Rectangle

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



44.0862, 0.3462, 0.2827



44.0862, 0.4075, 0.3438



44.0862, 0.2758, 0.3828



44.0862, 0.2263, 0.3022

Sweetspot

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



44.0882, 0.3462, 0.2827



84.0844, 0.3212, 0.3152



39.6795, 0.2804, 0.2399



17.5555, 0.3225, 0.3132



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.



44.0882, 0.3462, 0.2827



49.5704, 0.3561, 0.2726



42.6404, 0.3821, 0.3235



14.5009, 0.3206, 0.3161



10.4221, 0.4728, 0.2378



0.7888, 0.4445, 0.2222

Inverse Universe

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



44.0882, 0.3462, 0.2827



49.5704, 0.3561, 0.2726



68.3780, 0.2693, 0.3348



14.5009, 0.3206, 0.3161



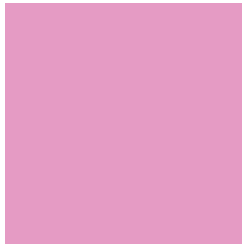
10.4221, 0.4728, 0.2378



0.7888, 0.4445, 0.2222

Previews

White Background



This preview shows how the Yxy color 44.0862, 0.3462, 0.2827 looks on a white background.

Color Contrast Check

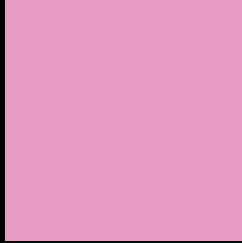
Large Text (above 18pt) WCAG AA × Fail

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 44.0862, 0.3462, 0.2827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

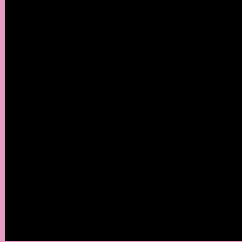
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0862, 0.3462, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 44.0862, 0.3462, 0.2827.



This preview shows how white text looks on a background with the Yxy color 44.0862, 0.3462, 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

44.0862, 0.3462, 0.2827

Protanopia

44.3617, 0.2826, 0.2852

Deuteranopia

44.4288, 0.3095, 0.3035



Tritanopia

43.9436, 0.3659, 0.3140

Trichromacy



Original Color

44.0862, 0.3462, 0.2827

Protanomaly

43.6195, 0.3035, 0.2831

Deuteranomaly

43.8640, 0.3225, 0.2947

Tritanomaly

44.1208, 0.3582, 0.3025

Monochromacy



Original Color

44.0862, 0.3462, 0.2827

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.2350, 0.3243, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0862, 0.3462, 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(229, 155, 196)` looks like.

```
.text, #text, p{  
    color:rgb(229, 155, 196)  
}
```

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(229, 155, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 155, 196) }
```

Border

The CSS property to change the border of an element to Yxy 44.0862, 0.3462, 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(229, 155, 196) }
```

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

```
.border{ border-color:rgb(229, 155, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 155, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 155, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 155, 196);  
box-shadow:4px 4px 4px 4px rgb(229, 155,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0862, 0.3462, 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(229, 155, 196) }
```

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

```
.background{ background-color: rgb(229,  
155, 196) }
```

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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