

Converting Colors

$Y_{xy}(32.0438, 0.3463, 0.2854)$

Have a look what the booklet for
Yxy(32.0438, 0.3463, 0.2854)
contains.

Yxy(32.0254, 0.3462, 0.2860)	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(32.0254, 0.3462, 0.2860)

Conversions

Conversions Part 1

Format	Color
Hex	C587A8
RGB	197, 135, 168
RGB Percent	77%, 53%, 66%
CMY	0.2273, 0.4707, 0.3412
CMYK	0.00, 0.31, 0.15, 0.23
HSL	328°, 35%, 65%
HSV	328°, 31%, 77%
XYZ	38.7664, 32.0254, 41.1851
YIQ	157.3000, 26.3590, 23.4070

Conversions

Conversions Part 2

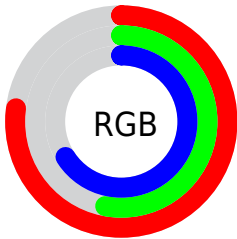
Format	Color
RYB	197, 135, 168
Decimal	12945320
CIELab	63.36, 28.72, -7.81
CIElCh	63, 29.759, 344.792
Yxy	32.0254, 0.3462, 0.2860
Android (android.graphics.Color)	4291135400 (0xFFC587A8)
YUV	157.3000, 5.2751, 34.8169
Hunter-Lab	56.5910, 23.2433, -3.5357

Details

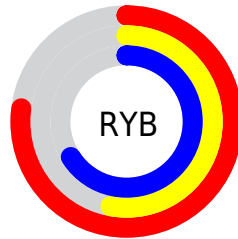
The Yxy color **32.0254, 0.3462, 0.2860** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.7833, 0.2890, 0.3766**, and the grayscale version is **33.8271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7937, 0.3394, 0.2944**, and **13.3524, 0.3566, 0.2724** is the 20% darker color. If you saturate the color by 10%, you get **26.6971, 0.3612, 0.2721**, and if you desaturate by 10%, it is **38.3985, 0.3335, 0.3001**.

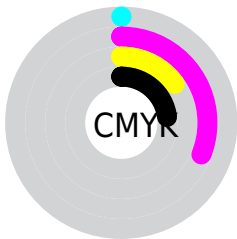
Distribution



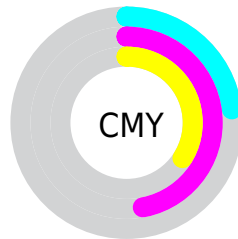
- Red (77%)
- Green (53%)
- Blue (66%)



- Red (77%)
- Yellow (53%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (23%)




- Cyan (23%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.0254, 0.3462, 0.2860 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 32.0254, 0.3462, 0.2860 by changing the saturation by 10% instead.

 32.0254, 0.3462,
0.2860


 32.0254, 0.3462,
0.2860


311.2349, 0.3288,
0.3081

 21.3809, 0.3508,
0.2803


 62.8509, 0.3397,
0.2942

 13.4027, 0.3568,
0.2728


 83.8007, 0.3373,
0.2972

 7.7064, 0.3651,
0.2627


 108.9544, 0.3353,
0.2997

 3.9077, 0.3771,
0.2482

138.6964, 0.3336,
0.3019

 1.6221, 0.3963,
0.2258

173.4110, 0.3322,
0.3038

 0.3724, 0.4478,
0.1554

213.4827, 0.3309,


 0.0000, 1.0000,

0.3054


0.0000

259.2959, 0.3298,
0.3068


 0.0000, 0.0000,
0.0000


 32.0254, 0.3462,
0.2860


 32.0254, 0.3462,
0.2860

 26.6971, 0.3612,
0.2721

 38.3985, 0.3335,
0.3001


 22.3525, 0.3785,
0.2591


 45.8643, 0.3228,
0.3139


 18.9308, 0.3981,
0.2481

 54.4732, 0.3139,
0.3271

 16.3627, 0.4195,
0.2403


 64.2711, 0.3065,
0.3394


 14.5688, 0.4420,
0.2368

 75.3012, 0.3004,
0.3509


 13.4547, 0.4645,
0.2386

 87.6048, 0.2954,
0.3614

 12.8929, 0.4832,
0.2436

 89.2536, 0.2905,
0.3531

 89.7932, 0.2857,
0.3430

 90.3606, 0.2810,
0.3331

Harmonies

Analogous

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



32.0254, 0.2981, 0.2624



32.0254, 0.3462, 0.2860



32.0254, 0.3871, 0.3197

Triad

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



32.0254, 0.3462, 0.2860



32.0254, 0.3664, 0.4124



32.0254, 0.2272, 0.2894

Complementary

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



32.0254, 0.3462, 0.2860



47.7833, 0.2890, 0.3766

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.



32.0254, 0.2425, 0.3321



32.0254, 0.3462, 0.2860



32.0254, 0.3216, 0.4090

Square

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



32.0254, 0.3462, 0.2860



32.0254, 0.3982, 0.3915



32.0254, 0.2764, 0.3783



32.0254, 0.2325, 0.2621

Rectangle

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



32.0254, 0.3462, 0.2860



32.0254, 0.4030, 0.3447



32.0254, 0.2764, 0.3783



32.0254, 0.2301, 0.3023

Sweetspot

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



32.0269, 0.3462, 0.2860



85.5489, 0.3206, 0.3171



29.2432, 0.2837, 0.2437



17.8460, 0.3220, 0.3151



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.



32.0269, 0.3462, 0.2860



50.3839, 0.3566, 0.2761



31.0072, 0.3813, 0.3264



10.7297, 0.3208, 0.3168



8.4930, 0.4805, 0.2421



0.4167, 0.4384, 0.2189

Inverse Universe

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



32.0269, 0.3462, 0.2860



50.3839, 0.3566, 0.2761



49.0411, 0.2693, 0.3317



10.7297, 0.3208, 0.3168



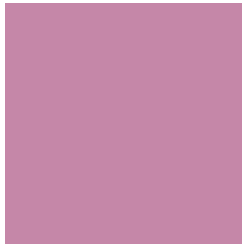
8.4930, 0.4805, 0.2421



0.4167, 0.4384, 0.2189

Previews

White Background



This preview shows how the Yxy color 32.0254, 0.3462, 0.2860 looks on a white background.

Color Contrast Check

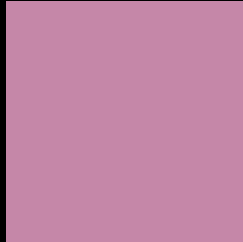
Large Text (above 18pt) WCAG AA × Fail

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 32.0254, 0.3462, 0.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

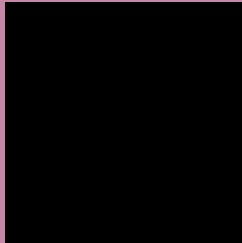
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.0254, 0.3462, 0.2860

Background



This preview shows how black text looks on a background with the Yxy color 32.0254, 0.3462, 0.2860.



This preview shows how white text looks on a background with the Yxy color 32.0254, 0.3462, 0.2860.

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

32.0254, 0.3462, 0.2860

Protanopia

32.4267, 0.2861, 0.2906

Deuteranopia

31.9980, 0.3118, 0.3056



Tritanopia

31.9490, 0.3643, 0.3144

Trichromacy



Original Color

32.0254, 0.3462, 0.2860

Protanomaly

31.7599, 0.3056, 0.2876

Deuteranomaly

31.8137, 0.3235, 0.2980

Tritanomaly

32.0274, 0.3578, 0.3039

Monochromacy



Original Color

32.0254, 0.3462, 0.2860

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.8388, 0.3248, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.0254, 0.3462, 0.2860 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(197, 135, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 135, 168)  
}
```

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(197, 135, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 135, 168) }
```

Border

The CSS property to change the border of an element to Yxy 32.0254, 0.3462, 0.2860 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(197, 135, 168) }
```

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

```
.border{ border-color:rgb(197, 135, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 135, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 135, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 135, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 135,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 32.0254, 0.3462, 0.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 135, 168) }
```

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

```
.background{ background-color: rgb(197,  
135, 168) }
```

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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