

Converting Colors

$Yxy(46.5627, 0.3614, 0.3076)$

Have a look what the booklet for
Yxy(46.5627, 0.3614, 0.3076)
contains.

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Color

Yxy(46.7276, 0.3608, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	E8A3B6
RGB	232, 163, 182
RGB Percent	91%, 64%, 71%
CMY	0.0903, 0.3607, 0.2864
CMYK	0.00, 0.30, 0.22, 0.09
HSL	344°, 60%, 77%
HSV	344°, 30%, 91%
XYZ	54.8092, 46.7276, 50.3734
YIQ	185.7970, 35.0250, 20.5370

Conversions

Conversions Part 2

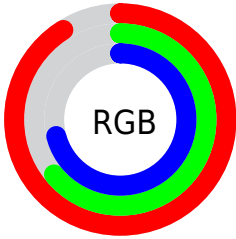
Format	Color
R _Y B	232, 163, 182
Decimal	15246262
CIE Lab	74.02, 28.18, 0.52
CIE LCh	74, 28.182, 1.047
Yxy	46.7276, 0.3608, 0.3076
Android (android.graphics.Color)	4293436342 (0xFFE8A3B6)
YUV	185.7970, -1.8719, 40.5200
Hunter-Lab	68.3576, 23.4958, 4.1589

Details

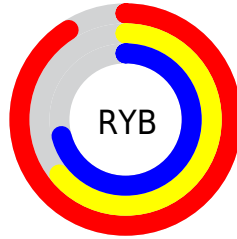
The Yxy color **46.7276, 0.3608, 0.3076** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.2884, 0.2801, 0.3517**, and the grayscale version is **48.9796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5759, 0.3258, 0.3092**, and **22.0678, 0.3744, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **38.5785, 0.3846, 0.3002**, and if you desaturate by 10%, it is **56.4754, 0.3412, 0.3151**.

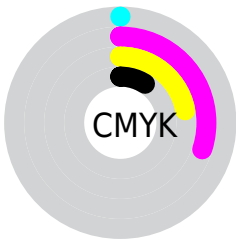
Distribution



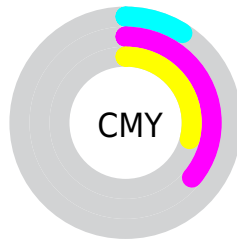
- Red (91%)
- Green (64%)
- Blue (71%)



- Red (91%)
- Yellow (64%)
- Blue (71%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.7276, 0.3608, 0.3076 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 46.7276, 0.3608, 0.3076 by changing the saturation by 10% instead.


 46.7276, 0.3608,
0.3076

 46.7276, 0.3608,
0.3076


373.7262, 0.3368,
0.3183

 32.8204, 0.3668,
0.3049


 85.3069, 0.3521,
0.3115

 21.9889, 0.3745,
0.3015


 110.7477, 0.3488,
0.3130

 13.8487, 0.3847,
0.2968


140.8018, 0.3460,
0.3142

 8.0155, 0.3990,
0.2904

175.8537, 0.3436,
0.3153

 4.1049, 0.4202,
0.2808

216.2877, 0.3416,
0.3162

 1.7324, 0.4549,
0.2650

262.4881, 0.3398,

 0.4445, 0.5609,

0.3170

0.2187

314.8395, 0.3382,
0.3177

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.7276, 0.3608,
0.3076

46.7276, 0.3608,
0.3076

38.5785, 0.3846,
0.3002

56.4754, 0.3412,
0.3151

31.9358, 0.4130,
0.2934

67.8945, 0.3253,
0.3224

26.7082, 0.4461,
0.2881

81.0611, 0.3124,
0.3292

22.7912, 0.4829,
0.2855

95.5258, 0.3019,
0.3347

■ 20.0661, 0.5210,
0.2866

■ 95.8902, 0.2987,
0.3290

■ 18.3920, 0.5571,
0.2921

■ 17.5372, 0.5876,
0.3013

■ 17.5177, 0.5884,
0.3015

Harmonies

Analogous

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



46.7276, 0.3225, 0.2821



46.7276, 0.3608, 0.3076



46.7276, 0.3862, 0.3390

Triad

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



46.7276, 0.3608, 0.3076



46.7276, 0.3386, 0.3995



46.7276, 0.2406, 0.2818

Complementary

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



46.7276, 0.3608, 0.3076



70.2884, 0.2801, 0.3517

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.



46.7276, 0.2443, 0.3117



46.7276, 0.3608, 0.3076



46.7276, 0.2994, 0.3836

Square

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



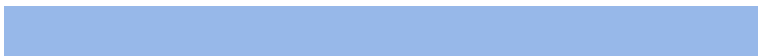
46.7276, 0.3608, 0.3076



46.7276, 0.3722, 0.3931



46.7276, 0.2653, 0.3499



46.7276, 0.2544, 0.2666

Rectangle

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



46.7276, 0.3608, 0.3076



46.7276, 0.3914, 0.3602



46.7276, 0.2653, 0.3499



46.7276, 0.2398, 0.2903

Sweetspot

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



46.7298, 0.3608, 0.3076



85.1956, 0.3244, 0.3228



46.0889, 0.2996, 0.2514



17.7592, 0.3265, 0.3218



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.



46.7298, 0.3608, 0.3076



51.1751, 0.3757, 0.3028



51.6211, 0.3742, 0.3462



14.4328, 0.3249, 0.3226



9.7466, 0.5843, 0.2993



0.7356, 0.5426, 0.2763

Inverse Universe

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



46.7298, 0.3608, 0.3076



51.1751, 0.3757, 0.3028



63.2542, 0.2679, 0.3110



14.4328, 0.3249, 0.3226



9.7466, 0.5843, 0.2993



0.7356, 0.5426, 0.2763

Previews

White Background



This preview shows how the Yxy color 46.7276, 0.3608, 0.3076 looks on a white background.

Color Contrast Check

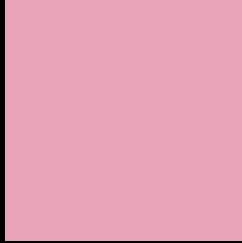
Large Text (above 18pt) WCAG AA × Fail

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 46.7276, 0.3608, 0.3076 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 46.7276, 0.3608, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 46.7276, 0.3608, 0.3076.



This preview shows how white text looks on a background with the Yxy color 46.7276, 0.3608, 0.3076.

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

46.7276, 0.3608, 0.3076

Protanopia

46.9653, 0.3050, 0.3136

Deuteranopia

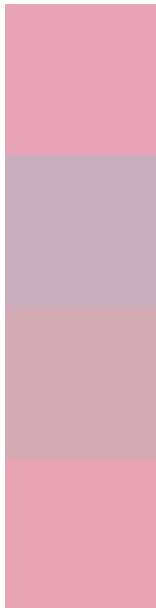
46.7635, 0.3316, 0.3241



Tritanopia

46.6744, 0.3654, 0.3154

Trichromacy



Original Color

46.7276, 0.3608, 0.3076

Protanomaly

46.3637, 0.3242, 0.3105

Deuteranomaly

46.4591, 0.3415, 0.3170

Tritanomaly

46.7542, 0.3635, 0.3131

Monochromacy



Original Color

46.7276, 0.3608, 0.3076

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0401, 0.3289, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7276, 0.3608, 0.3076 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(232, 163, 182)` looks like.

```
.text, #text, p{  
    color:rgb(232, 163, 182)  
}
```

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(232, 163, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 163, 182) }
```

Border

The CSS property to change the border of an element to Yxy 46.7276, 0.3608, 0.3076 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(232, 163, 182) }
```

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

```
.border{ border-color:rgb(232, 163, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 163, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 163, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 163, 182);  
box-shadow:4px 4px 4px 4px rgb(232, 163,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7276, 0.3608, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 163, 182) }
```

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

```
.background{ background-color: rgb(232,  
163, 182) }
```

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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