

Converting Colors

$Y_{xy}(46.0644, 0.3603, 0.3042)$

Have a look what the booklet for
Yxy(46.0644, 0.3603, 0.3042)
contains.

Yxy(46.0644, 0.3603, 0.3042)	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(46.0644, 0.3603, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	E8A1B7
RGB	232, 161, 183
RGB Percent	91%, 63%, 72%
CMY	0.0903, 0.3685, 0.2824
CMYK	0.00, 0.31, 0.21, 0.09
HSL	341°, 61%, 77%
HSV	341°, 31%, 91%
XYZ	54.5595, 46.0644, 50.8041
YIQ	184.7370, 35.2540, 21.8940

Conversions

Conversions Part 2

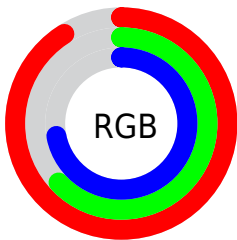
Format	Color
R_{YB}	232, 161, 183
Decimal	15245751
CIE Lab	73.59, 29.39, -0.66
CIE LCh	74, 29.396, 358.709
Yxy	46.0644, 0.3603, 0.3042
Android (android.graphics.Color)	4293435831 (0xFFE8A1B7)
YUV	184.7370, -0.8563, 41.4497
Hunter-Lab	67.8708, 24.7176, 3.1285

Details

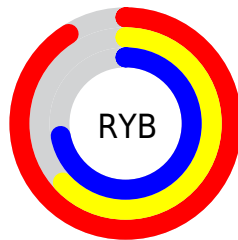
The Yxy color **46.0644, 0.3603, 0.3042** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.9246, 0.2806, 0.3555**, and the grayscale version is **48.3526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6037, 0.3253, 0.3062**, and **21.6629, 0.3738, 0.2979** is the 20% darker color. If you saturate the color by 10%, you get **38.0664, 0.3832, 0.2959**, and if you desaturate by 10%, it is **55.6464, 0.3414, 0.3127**.

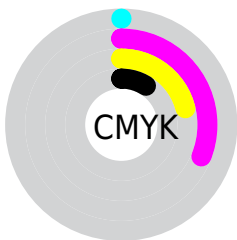
Distribution



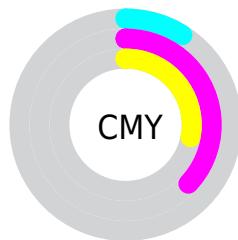
- Red (91%)
- Green (63%)
- Blue (72%)



- Red (91%)
- Yellow (63%)
- Blue (72%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (37%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0644, 0.3603, 0.3042 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 46.0644, 0.3603, 0.3042 by changing the saturation by 10% instead.


 46.0644, 0.3603,
0.3042

 46.0644, 0.3603,
0.3042

371.0675, 0.3365,
0.3166

 32.2966, 0.3662,
0.3011


 84.3154, 0.3516,
0.3087

 21.5882, 0.3739,
0.2972

 109.5674, 0.3484,
0.3104

 13.5546, 0.3840,
0.2919


139.4162, 0.3457,
0.3118

 7.8116, 0.3982,
0.2846

174.2464, 0.3433,
0.3130

 3.9746, 0.4192,
0.2738

214.4422, 0.3413,
0.3141

 1.6594, 0.4537,
0.2563

260.3880, 0.3395,

 0.3971, 0.5614,

0.3150

0.1989

312.4683, 0.3379,
0.3159

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.0644, 0.3603,
0.3042

46.0644, 0.3603,
0.3042

38.0664, 0.3832,
0.2959

55.6464, 0.3414,
0.3127

31.5602, 0.4105,
0.2883

66.8854, 0.3259,
0.3209

26.4539, 0.4420,
0.2824

79.8573, 0.3134,
0.3286

22.6427, 0.4770,
0.2793

94.6317, 0.3031,
0.3357

■ 20.0067, 0.5134,
0.2802

■ 95.8893, 0.2987,
0.3290

■ 18.4035, 0.5480,
0.2860

■ 17.6144, 0.5765,
0.2949

Harmonies

Analogous

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



46.0644, 0.3196, 0.2783



46.0644, 0.3603, 0.3042



46.0644, 0.3884, 0.3366

Triad

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



46.0644, 0.3603, 0.3042



46.0644, 0.3428, 0.4033



46.0644, 0.2370, 0.2814

Complementary

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



46.0644, 0.3603, 0.3042



69.9246, 0.2806, 0.3555

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.



46.0644, 0.2423, 0.3137



46.0644, 0.3603, 0.3042



46.0644, 0.3018, 0.3886

Square

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



46.0644, 0.3603, 0.3042



46.0644, 0.3771, 0.3947



46.0644, 0.2654, 0.3541



46.0644, 0.2500, 0.2644

Rectangle

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



46.0644, 0.3603, 0.3042



46.0644, 0.3951, 0.3589



46.0644, 0.2654, 0.3541



46.0644, 0.2367, 0.2907

Sweetspot

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



46.0665, 0.3603, 0.3042



85.2424, 0.3238, 0.3221



44.9513, 0.2972, 0.2485



17.7707, 0.3259, 0.3209



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.



46.0665, 0.3603, 0.3042



50.3387, 0.3750, 0.2986



50.0078, 0.3773, 0.3441



14.4411, 0.3244, 0.3218



9.8024, 0.5723, 0.2926



0.7406, 0.5307, 0.2697

Inverse Universe

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



46.0665, 0.3603, 0.3042



50.3387, 0.3750, 0.2986



64.0441, 0.2670, 0.3133



14.4411, 0.3244, 0.3218



9.8024, 0.5723, 0.2926



0.7406, 0.5307, 0.2697

Previews

White Background



This preview shows how the Yxy color 46.0644, 0.3603, 0.3042 looks on a white background.

Color Contrast Check

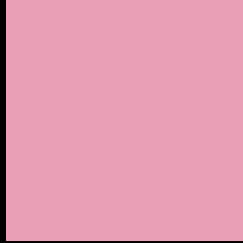
Large Text (above 18pt) WCAG AA × Fail

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 46.0644, 0.3603, 0.3042 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 46.0644, 0.3603, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 46.0644, 0.3603, 0.3042.



This preview shows how white text looks on a background with the Yxy color 46.0644, 0.3603, 0.3042.

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

46.0644, 0.3603, 0.3042

Protanopia

46.3613, 0.3026, 0.3110

Deuteranopia

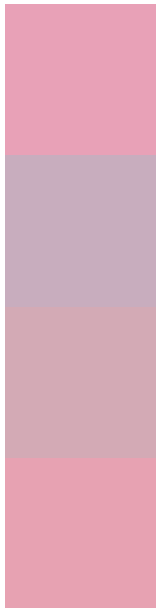
46.0973, 0.3300, 0.3228



Tritanopia

45.9247, 0.3669, 0.3143

Trichromacy



Original Color

46.0644, 0.3603, 0.3042

Protanomaly

45.8842, 0.3226, 0.3080

Deuteranomaly

45.9345, 0.3408, 0.3157

Tritanomaly

46.0439, 0.3640, 0.3109

Monochromacy



Original Color

46.0644, 0.3603, 0.3042

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.0679, 0.3291, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0644, 0.3603, 0.3042 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, 161, 183)` looks like.

```
.text, #text, p{  
    color:rgb(232, 161, 183)  
}
```

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, 161, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 161, 183) }
```

Border

The CSS property to change the border of an element to Yxy 46.0644, 0.3603, 0.3042 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, 161, 183) }
```

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

```
.border{ border-color:rgb(232, 161, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 161, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 161, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 161, 183); box-shadow:4px 4px 4px 4px rgb(232, 161, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0644, 0.3603, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 161, 183) }
```

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

```
.background{ background-color: rgb(232,  
161, 183) }
```

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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