

Converting Colors

$Yxy(46.9942, 0.3533, 0.2986)$

Have a look what the booklet for
Yxy(46.9942, 0.3533, 0.2986)
contains.

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Color

Yxy(47.0679, 0.3532, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	E8A3BE
RGB	232, 163, 190
RGB Percent	91%, 64%, 75%
CMY	0.0902, 0.3608, 0.2548
CMYK	0.00, 0.30, 0.18, 0.09
HSL	336°, 60%, 77%
HSV	336°, 30%, 91%
XYZ	55.6744, 47.0679, 54.8863
YIQ	186.7090, 32.4570, 23.0250

Conversions

Conversions Part 2

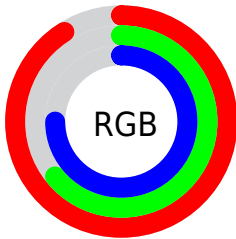
Format	Color
R _Y B	232, 163, 190
Decimal	15246270
CIE Lab	74.23, 29.42, -3.60
CIE LCh	74, 29.636, 353.029
Yxy	47.0679, 0.3532, 0.2986
Android (android.graphics.Color)	4293436350 (0xFFE8A3BE)
YUV	186.7090, 1.6225, 39.7202
Hunter-Lab	68.6060, 24.7938, 0.5910

Details

The Yxy color **47.0679, 0.3532, 0.2986** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **69.9089, 0.2845, 0.3618**, and the grayscale version is **49.5008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0566, 0.3204, 0.3015**, and **22.0720, 0.3639, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **38.9857, 0.3728, 0.2880**, and if you desaturate by 10%, it is **56.7254, 0.3369, 0.3092**.

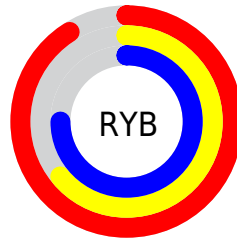
Distribution



Red (91%)

Green (64%)

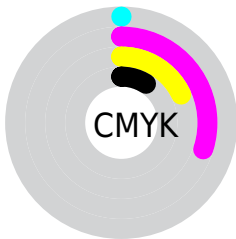
Blue (75%)



Red (91%)

Yellow (64%)

Blue (75%)

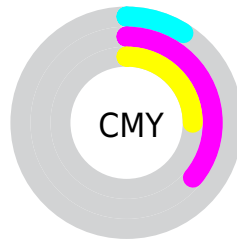


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (9%)



Cyan (9%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0679, 0.3532, 0.2986 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 47.0679, 0.3532, 0.2986 by changing the saturation by 10% instead.


 47.0679, 0.3532,
0.2986

 47.0679, 0.3532,
0.2986


375.0855, 0.3331,
0.3135

 33.0893, 0.3582,
0.2950


 85.8150, 0.3459,
0.3040

 22.1949, 0.3645,
0.2904


 111.3523, 0.3432,
0.3060

 14.0002, 0.3729,
0.2843


141.5113, 0.3409,
0.3077

 8.1208, 0.3844,
0.2760

176.6763, 0.3389,
0.3092

 4.1723, 0.4015,
0.2640

217.2319, 0.3372,
0.3105

 1.7704, 0.4290,
0.2451

263.5624, 0.3357,

 0.4686, 0.4951,

0.3116

0.1923

316.0521, 0.3343,
0.3126

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.0679, 0.3532,
0.2986

47.0679, 0.3532,
0.2986

38.9857, 0.3728,
0.2880

56.7254, 0.3369,
0.3092

32.3879, 0.3960,
0.2782

68.0297, 0.3235,
0.3195

27.1842, 0.4228,
0.2701

81.0558, 0.3125,
0.3292

23.2717, 0.4527,
0.2650

95.3599, 0.3035,
0.3375

■ 20.5331, 0.4842,
0.2640

■ 95.8967, 0.2988,
0.3290

■ 18.8292, 0.5153,
0.2682

■ 17.9295, 0.5440,
0.2772

■ 17.9104, 0.5447,
0.2774

Harmonies

Analogous

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



47.0679, 0.3116, 0.2745



47.0679, 0.3532, 0.2986



47.0679, 0.3847, 0.3303

Triad

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



47.0679, 0.3532, 0.2986



47.0679, 0.3502, 0.4034



47.0679, 0.2365, 0.2864

Complementary

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



47.0679, 0.3532, 0.2986



69.9089, 0.2845, 0.3618

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.



47.0679, 0.2453, 0.3210



47.0679, 0.3532, 0.2986



47.0679, 0.3096, 0.3932

Square

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



47.0679, 0.3532, 0.2986



47.0679, 0.3820, 0.3910



47.0679, 0.2714, 0.3616



47.0679, 0.2462, 0.2663

Rectangle

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



47.0679, 0.3532, 0.2986



47.0679, 0.3944, 0.3527



47.0679, 0.2714, 0.3616



47.0679, 0.2374, 0.2966

Sweetspot

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



47.0701, 0.3532, 0.2986



85.3548, 0.3226, 0.3202



44.9149, 0.2929, 0.2498



17.7982, 0.3244, 0.3188



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.



47.0701, 0.3532, 0.2986



51.6568, 0.3654, 0.2918



48.5129, 0.3769, 0.3371



14.4610, 0.3231, 0.3198



9.9657, 0.5405, 0.2751



0.7543, 0.5015, 0.2537

Inverse Universe

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



47.0701, 0.3532, 0.2986



51.6568, 0.3654, 0.2918



67.5200, 0.2689, 0.3207



14.4610, 0.3231, 0.3198



9.9657, 0.5405, 0.2751



0.7543, 0.5015, 0.2537

Previews

White Background



This preview shows how the Yxy color 47.0679, 0.3532, 0.2986 looks on a white background.

Color Contrast Check

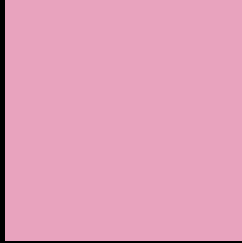
Large Text (above 18pt) WCAG AA × Fail

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 47.0679, 0.3532, 0.2986 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 47.0679, 0.3532, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 47.0679, 0.3532, 0.2986.



This preview shows how white text looks on a background with the Yxy color 47.0679, 0.3532, 0.2986.

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

47.0679, 0.3532, 0.2986

Protanopia

47.4967, 0.2973, 0.3048

Deuteranopia

47.0379, 0.3229, 0.3166



Tritanopia

47.1135, 0.3632, 0.3143

Trichromacy



Original Color

47.0679, 0.3532, 0.2986

Protanomaly

46.9705, 0.3166, 0.3021

Deuteranomaly

46.8375, 0.3334, 0.3098

Tritanomaly

46.9172, 0.3596, 0.3086

Monochromacy



Original Color

47.0679, 0.3532, 0.2986

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.1681, 0.3264, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0679, 0.3532, 0.2986 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(232, 163, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 163, 190) }
```

Border

The CSS property to change the border of an element to Yxy 47.0679, 0.3532, 0.2986 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, 190) }
```

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

```
.border{ border-color:rgb(232, 163, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 163, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 163, 190);  
box-shadow:4px 4px 4px 4px rgb(232, 163,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0679, 0.3532, 0.2986 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, 190) }
```

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

```
.background{ background-color: rgb(232,  
163, 190) }
```

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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