

Converting Colors

Yxy(46.5626, 0.3330, 0.2653)

Have a look what the booklet for
Yxy(46.5626, 0.3330, 0.2653)
contains.

Yxy(46.5127, 0.3329, 0.2658)	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(46.5127, 0.3329, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	EA9DD7
RGB	234, 157, 215
RGB Percent	92%, 62%, 84%
CMY	0.0824, 0.3843, 0.1567
CMYK	0.00, 0.33, 0.08, 0.08
HSL	315°, 65%, 77%
HSV	315°, 33%, 92%
XYZ	58.2546, 46.5127, 70.2240
YIQ	186.6350, 27.2740, 34.3620

Conversions

Conversions Part 2

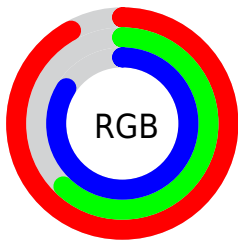
Format	Color
R_{YB}	234, 157, 215
Decimal	15375831
CIE _{Lab}	73.88, 37.32, -17.84
CIE _{LCh}	74, 41.361, 334.452
Yxy	46.5127, 0.3329, 0.2658
Android (android.graphics.Color)	4293565911 (0xFFEA9DD7)
YUV	186.6350, 13.9839, 41.5391
Hunter-Lab	68.2002, 33.1191, -13.3092

Details

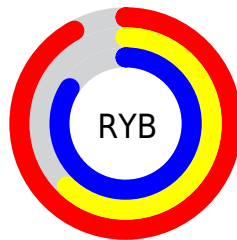
The Yxy color $46.5127, 0.3329, 0.2658$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $69.1388, 0.2974, 0.4020$, and the grayscale version is $49.3880, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5670, 0.3147, 0.2871$, and $21.7858, 0.3378, 0.2501$ is the 20% darker color. If you saturate the color by 10%, you get $39.0497, 0.3410, 0.2469$, and if you desaturate by 10%, it is $55.5064, 0.3257, 0.2854$.

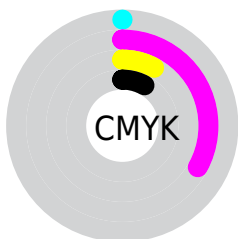
Distribution



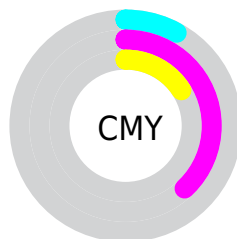
- Red (92%)
- Green (62%)
- Blue (84%)



- Red (92%)
- Yellow (62%)
- Blue (84%)



- Cyan (0%)
- Magenta (33%)
- Yellow (8%)
- Black (8%)





- Cyan (8%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.5127, 0.3329, 0.2658 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 46.5127, 0.3329, 0.2658 by changing the saturation by 10% instead.


 46.5127, 0.3329,
0.2658


 46.5127, 0.3329,
0.2658


372.8661, 0.3236,
0.2957

 32.6506, 0.3350,
0.2588

 84.9858, 0.3297,
0.2763

 21.8589, 0.3376,
0.2502


 110.3655, 0.3284,
0.2803

 13.7533, 0.3408,
0.2391


140.3533, 0.3273,
0.2838

 7.9493, 0.3450,
0.2246

175.3335, 0.3264,
0.2868

 4.0625, 0.3505,
0.2045

215.6904, 0.3256,
0.2894

 1.7086, 0.3580,
0.1756

261.8086, 0.3248,

 0.4292, 0.3753,

0.2918

0.1139

314.0723, 0.3242,
0.2938

0.0000, 0.3438,
0.0000

0.0000, 0.0000,
0.0000

46.5127, 0.3329,
0.2658

46.5127, 0.3329,
0.2658

39.0497, 0.3410,
0.2469

55.5064, 0.3257,
0.2854

33.0241, 0.3499,
0.2294

66.1045, 0.3195,
0.3048

28.3423, 0.3595,
0.2146

78.3835, 0.3141,
0.3237

24.8970, 0.3695,
0.2034

92.4131, 0.3096,
0.3416

■ 22.5642, 0.3796,
0.1966

■ 95.5315, 0.3061,
0.3401

■ 21.1943, 0.3894,
0.1946

■ 95.8865, 0.3029,
0.3343

■ 20.6404, 0.3962,
0.1956

■ 96.2299, 0.2999,
0.3290

Harmonies

Analogous

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



46.5127, 0.2757, 0.2433



46.5127, 0.3329, 0.2658



46.5127, 0.3890, 0.3021

Triad

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



46.5127, 0.3329, 0.2658



46.5127, 0.3932, 0.4242



46.5127, 0.2132, 0.2958

Complementary

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



46.5127, 0.3329, 0.2658



69.1388, 0.2974, 0.4020

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.



46.5127, 0.2391, 0.3526



46.5127, 0.3329, 0.2658



46.5127, 0.3421, 0.4338

Square

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



46.5127, 0.3329, 0.2658



46.5127, 0.4242, 0.3900



46.5127, 0.2856, 0.4072



46.5127, 0.2113, 0.2561

Rectangle

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



46.5127, 0.3329, 0.2658



46.5127, 0.4155, 0.3309



46.5127, 0.2856, 0.4072



46.5127, 0.2192, 0.3134

Sweetspot

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



46.5148, 0.3329, 0.2658



84.3981, 0.3179, 0.3103



39.1665, 0.2673, 0.2348



17.6316, 0.3187, 0.3076



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.



46.5148, 0.3329, 0.2658



50.6289, 0.3379, 0.2538



44.8021, 0.3685, 0.3059



15.2467, 0.3175, 0.3114



11.6214, 0.3948, 0.1948



0.9276, 0.3823, 0.1880

Inverse Universe

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



46.5148, 0.3329, 0.2658



50.6289, 0.3379, 0.2538



70.8335, 0.2766, 0.3538



15.2467, 0.3175, 0.3114



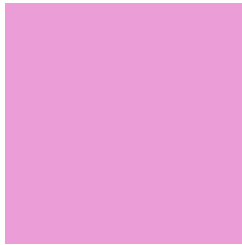
11.6214, 0.3948, 0.1948



0.9276, 0.3823, 0.1880

Previews

White Background



This preview shows how the Yxy color 46.5127, 0.3329, 0.2658 looks on a white background.

Color Contrast Check

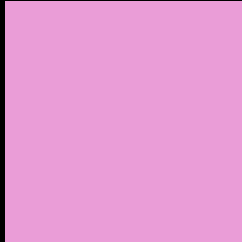
Large Text (above 18pt) WCAG AA × Fail

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 46.5127, 0.3329, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

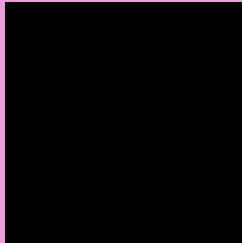
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.5127, 0.3329, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 46.5127, 0.3329, 0.2658.



This preview shows how white text looks on a background with the Yxy color 46.5127, 0.3329, 0.2658.

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

46.5127, 0.3329, 0.2658

Protanopia

46.8471, 0.2675, 0.2660

Deuteranopia

46.5865, 0.2939, 0.2868



Tritanopia

46.3833, 0.3625, 0.3142

Trichromacy



Original Color

46.5127, 0.3329, 0.2658



Protanomaly

46.2787, 0.2891, 0.2658



Deuteranomaly

46.1994, 0.3073, 0.2790



Tritanomaly

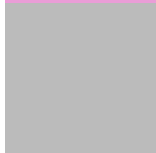
46.2403, 0.3518, 0.2952

Monochromacy



Original Color

46.5127, 0.3329, 0.2658



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

47.9193, 0.3200, 0.3036

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.5127, 0.3329, 0.2658 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(234, 157, 215)` looks like.

```
.text, #text, p{  
    color:rgb(234, 157, 215)  
}
```

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(234, 157, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 157, 215) }
```

Border

The CSS property to change the border of an element to Yxy 46.5127, 0.3329, 0.2658 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(234, 157, 215) }
```

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

```
.border{ border-color:rgb(234, 157, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 157, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 157, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 157, 215);  
box-shadow:4px 4px 4px 4px rgb(234, 157,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 46.5127, 0.3329, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 157, 215) }
```

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

```
.background{ background-color: rgb(234,  
157, 215) }
```

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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