

Converting Colors

$Y_{xy}(44.1659, 0.3466, 0.2748)$

Have a look what the booklet for
Yxy(44.1659, 0.3466, 0.2748)
contains.

Yxy(44.1659, 0.3466, 0.2748)	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(44.1659, 0.3466, 0.2748)

Conversions

Conversions Part 1

Format	Color
Hex	EA98C9
RGB	234, 152, 201
RGB Percent	92%, 60%, 79%
CMY	0.0823, 0.4039, 0.2118
CMYK	0.00, 0.35, 0.14, 0.08
HSL	324°, 66%, 76%
HSV	324°, 35%, 92%
XYZ	55.7056, 44.1659, 60.8487
YIQ	182.1040, 33.1430, 32.6230

Conversions

Conversions Part 2

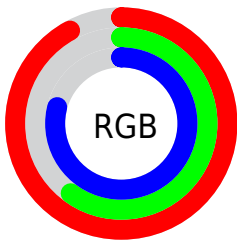
Format	Color
RYB	234, 152, 201
Decimal	15374537
CIELab	72.34, 37.66, -12.43
CIELCh	72, 39.656, 341.735
Yxy	44.1659, 0.3466, 0.2748
Android (android.graphics.Color)	4293564617 (0xFFEA98C9)
YUV	182.1040, 9.3157, 45.5128
Hunter-Lab	66.4574, 33.3209, -7.7659

Details

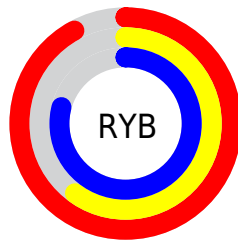
The Yxy color $44.1659, 0.3466, 0.2748$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $69.0313, 0.2894, 0.3907$, and the grayscale version is $46.7747, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.1056, 0.3149, 0.2821$, and $20.3774, 0.3558, 0.2602$ is the 20% darker color. If you saturate the color by 10%, you get $36.8767, 0.3603, 0.2595$, and if you desaturate by 10%, it is $52.9848, 0.3348, 0.2907$.

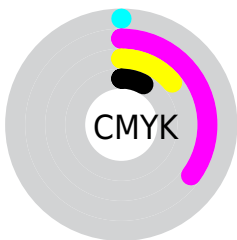
Distribution



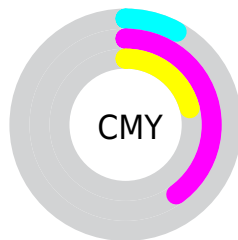
- Red (92%)
- Green (60%)
- Blue (79%)



- Red (92%)
- Yellow (60%)
- Blue (79%)



- Cyan (0%)
- Magenta (35%)
- Yellow (14%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1659, 0.3466, 0.2748 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 44.1659, 0.3466, 0.2748 by changing the saturation by 10% instead.

 44.1659, 0.3466,
0.2748


 44.1659, 0.3466,
0.2748


363.3848, 0.3301,
0.3009

 30.8010, 0.3506,
0.2686


 81.4673, 0.3407,
0.2841

 20.4473, 0.3556,
0.2608


 106.1726, 0.3385,
0.2876

 12.7206, 0.3622,
0.2507

135.4268, 0.3366,
0.2906

 7.2365, 0.3710,
0.2371

169.6142, 0.3349,
0.2932

 3.6104, 0.3837,
0.2181

209.1194, 0.3335,
0.2955

 1.4581, 0.4033,
0.1895

254.3266, 0.3322,

 0.2590, 0.4594,

0.2975

0.0984

305.6203, 0.3311,
0.2993

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.1659, 0.3466,
0.2748

44.1659, 0.3466,
0.2748

36.8767, 0.3603,
0.2595

52.9848, 0.3348,
0.2907

31.0221, 0.3758,
0.2456

63.4090, 0.3248,
0.3064

26.5057, 0.3929,
0.2343

75.5166, 0.3164,
0.3216

23.2167, 0.4113,
0.2267

89.3785, 0.3094,
0.3360

■ 21.0263, 0.4301,
0.2240

■ 95.7979, 0.3038,
0.3358

■ 19.7764, 0.4485,
0.2267

■ 96.2346, 0.2999,
0.3290

■ 19.3829, 0.4575,
0.2294

Harmonies

Analogous

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



44.1659, 0.2893, 0.2489



44.1659, 0.3466, 0.2748



44.1659, 0.3979, 0.3128

Triad

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



44.1659, 0.3466, 0.2748



44.1659, 0.3806, 0.4270



44.1659, 0.2128, 0.2854

Complementary

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



44.1659, 0.3466, 0.2748



69.0313, 0.2894, 0.3907

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.



44.1659, 0.2326, 0.3379



44.1659, 0.3466, 0.2748



44.1659, 0.3280, 0.4281

Square

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



44.1659, 0.3466, 0.2748



44.1659, 0.4168, 0.3982



44.1659, 0.2739, 0.3939



44.1659, 0.2166, 0.2517

Rectangle

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



44.1659, 0.3466, 0.2748



44.1659, 0.4190, 0.3418



44.1659, 0.2739, 0.3939



44.1659, 0.2168, 0.3012

Sweetspot

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



44.1679, 0.3466, 0.2748



82.6849, 0.3213, 0.3126



38.6874, 0.2747, 0.2308



17.2793, 0.3225, 0.3105



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.



44.1679, 0.3466, 0.2748



47.1566, 0.3562, 0.2637



42.4958, 0.3878, 0.3199



15.2052, 0.3199, 0.3150



10.9163, 0.4548, 0.2279



0.8761, 0.4312, 0.2149

Inverse Universe

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



44.1679, 0.3466, 0.2748



47.1566, 0.3562, 0.2637



71.0088, 0.2675, 0.3387



15.2052, 0.3199, 0.3150



10.9163, 0.4548, 0.2279



0.8761, 0.4312, 0.2149

Previews

White Background



This preview shows how the Yxy color 44.1659, 0.3466, 0.2748 looks on a white background.

Color Contrast Check

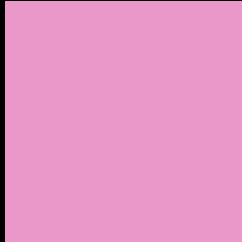
Large Text (above 18pt) WCAG AA × Fail

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 44.1659, 0.3466, 0.2748 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 44.1659, 0.3466, 0.2748

Background



This preview shows how black text looks on a background with the Yxy color 44.1659, 0.3466, 0.2748.



This preview shows how white text looks on a background with the Yxy color 44.1659, 0.3466, 0.2748.

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

44.1659, 0.3466, 0.2748

Protanopia

44.4954, 0.2762, 0.2767

Deuteranopia

44.3575, 0.3046, 0.2984



Tritanopia

44.1790, 0.3720, 0.3153

Trichromacy



Original Color

44.1659, 0.3466, 0.2748



Protanomaly

43.6780, 0.2996, 0.2751



Deuteranomaly

43.6840, 0.3191, 0.2888



Tritanomaly

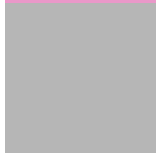
44.1021, 0.3625, 0.3006

Monochromacy



Original Color

44.1659, 0.3466, 0.2748



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.2175, 0.3245, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1659, 0.3466, 0.2748 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, 152, 201)` looks like.

```
.text, #text, p{  
    color:rgb(234, 152, 201)  
}
```

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, 152, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 152, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.1659, 0.3466, 0.2748 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, 152, 201) }
```

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

```
.border{ border-color:rgb(234, 152, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 152, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 152, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 152, 201);  
box-shadow:4px 4px 4px 4px rgb(234, 152,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1659, 0.3466, 0.2748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 152, 201) }
```

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

```
.background{ background-color: rgb(234,  
152, 201) }
```

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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