

Converting Colors

$Y_{xy}(45.2720, 0.3248, 0.2523)$

Have a look what the booklet for
Yxy(45.2720, 0.3248, 0.2523)
contains.

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Color

Yxy(45.1619, 0.3245, 0.2514)

Conversions

Conversions Part 1

Format	Color
Hex	E998E0
RGB	233, 152, 224
RGB Percent	91%, 60%, 88%
CMY	0.0862, 0.4039, 0.1215
CMYK	0.00, 0.35, 0.04, 0.09
HSL	307°, 65%, 75%
HSV	307°, 35%, 91%
XYZ	58.2937, 45.1619, 76.1860
YIQ	184.4270, 25.1640, 39.5640

Conversions

Conversions Part 2

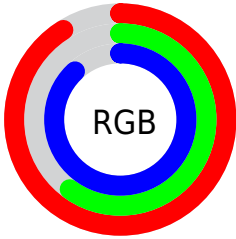
Format	Color
R _Y B	233, 152, 224
Decimal	15309024
CIE Lab	73.00, 41.20, -24.11
CIE LCh	73, 47.736, 329.663
Yxy	45.1619, 0.3245, 0.2514
Android (android.graphics.Color)	4293499104 (0xFFE998E0)
YUV	184.4270, 19.5095, 42.5985
Hunter-Lab	67.2026, 37.2321, -20.1739

Details

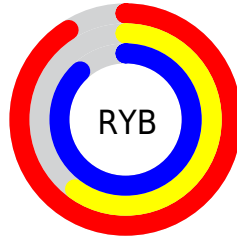
The Yxy color $45.1619, 0.3245, 0.2514$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $67.5341, 0.3028, 0.4214$, and the grayscale version is $48.0622, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.1056, 0.3149, 0.2821$, and $21.0184, 0.3260, 0.2320$ is the 20% darker color. If you saturate the color by 10%, you get $38.1899, 0.3286, 0.2301$, and if you desaturate by 10%, it is $53.6258, 0.3207, 0.2738$.

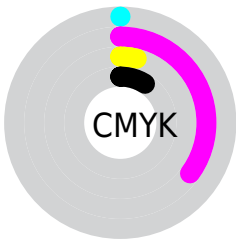
Distribution



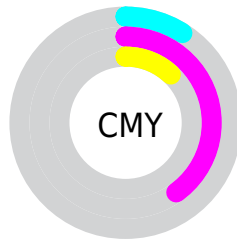
- Red (91%)
- Green (60%)
- Blue (88%)



- Red (91%)
- Yellow (60%)
- Blue (88%)



- Cyan (0%)
- Magenta (35%)
- Yellow (4%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1619, 0.3245, 0.2514 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 45.1619, 0.3245, 0.2514 by changing the saturation by 10% instead.

 45.1619, 0.3245,
0.2514


 45.1619, 0.3245,
0.2514


367.4289, 0.3197,
0.2877

 31.5850, 0.3254,
0.2431


 82.9633, 0.3230,
0.2641

 21.0447, 0.3265,
0.2327


 107.9566, 0.3223,
0.2690

 13.1567, 0.3276,
0.2197

137.5241, 0.3218,
0.2732

 7.5365, 0.3287,
0.2026

172.0502, 0.3212,
0.2769

 3.7998, 0.3297,
0.1797

211.9193, 0.3208,
0.2801

 1.5622, 0.3295,
0.1475

257.5159, 0.3204,

 0.3319, 0.3334,

0.2829

0.0781

309.2243, 0.3200,
0.2855

■ 0.0000, 0.2422,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.1619, 0.3245,
0.2514

■ 45.1619, 0.3245,
0.2514

■ 38.1899, 0.3286,
0.2301

■ 53.6258, 0.3207,
0.2738

■ 32.6162, 0.3329,
0.2110

■ 63.6558, 0.3172,
0.2964


■ 28.3464, 0.3373,
0.1949

■ 75.3284, 0.3141,
0.3187


■ 25.2717, 0.3416,
0.1827


■ 88.7135, 0.3113,
0.3400

 23.2657, 0.3458,
0.1749


 94.9579, 0.3094,
0.3471

 22.1736, 0.3496,
0.1715

 95.1101, 0.3080,
0.3445

 21.8397, 0.3515,
0.1710

 95.2644, 0.3065,
0.3419

 95.4209, 0.3051,
0.3392

 95.5796, 0.3036,
0.3366

Harmonies

Analogous

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



45.1619, 0.2603, 0.2289



45.1619, 0.3245, 0.2514



45.1619, 0.3921, 0.2902

Triad

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



45.1619, 0.3245, 0.2514



45.1619, 0.4126, 0.4332



45.1619, 0.2014, 0.2987

Complementary

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



45.1619, 0.3245, 0.2514



67.5341, 0.3028, 0.4214

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.



45.1619, 0.2345, 0.3675



45.1619, 0.3245, 0.2514



45.1619, 0.3557, 0.4528

Square

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



45.1619, 0.3245, 0.2514



45.1619, 0.4445, 0.3895



45.1619, 0.2904, 0.4296



45.1619, 0.1953, 0.2497

Rectangle

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



45.1619, 0.3245, 0.2514



45.1619, 0.4266, 0.3219



45.1619, 0.2904, 0.4296



45.1619, 0.2095, 0.3203

Sweetspot

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



45.1639, 0.3245, 0.2514



84.6149, 0.3157, 0.3070



35.8217, 0.2558, 0.2265



17.6843, 0.3161, 0.3039



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.



45.1639, 0.3245, 0.2514



48.8868, 0.3275, 0.2354



43.2581, 0.3620, 0.2925



15.2833, 0.3155, 0.3083



12.4019, 0.3510, 0.1707



0.9821, 0.3462, 0.1681

Inverse Universe

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



45.1639, 0.3245, 0.2514



48.8868, 0.3275, 0.2354



69.1602, 0.2807, 0.3692



15.2833, 0.3155, 0.3083



12.4019, 0.3510, 0.1707



0.9821, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 45.1619, 0.3245, 0.2514 looks on a white background.

Color Contrast Check

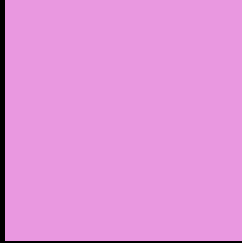
Large Text (above 18pt) WCAG AA × Fail

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 45.1619, 0.3245, 0.2514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

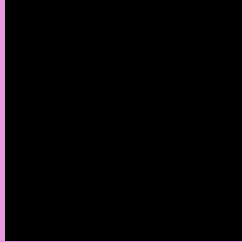
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1619, 0.3245, 0.2514

Background



This preview shows how black text looks on a background with the Yxy color 45.1619, 0.3245, 0.2514.



This preview shows how white text looks on a background with the Yxy color 45.1619, 0.3245, 0.2514.

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

45.1619, 0.3245, 0.2514

Protanopia

45.4322, 0.2549, 0.2493

Deuteranopia

45.5651, 0.2803, 0.2742



Tritanopia

45.2275, 0.3641, 0.3152

Trichromacy



Original Color

45.1619, 0.3245, 0.2514



Protanomaly

44.5682, 0.2770, 0.2495



Deuteranomaly

44.7282, 0.2952, 0.2646



Tritanomaly

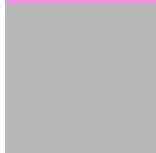
44.9175, 0.3495, 0.2904

Monochromacy



Original Color

45.1619, 0.3245, 0.2514



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.1851, 0.3169, 0.2962

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1619, 0.3245, 0.2514 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(233, 152, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 152, 224)  
}
```

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(233, 152, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 152, 224) }
```

Border

The CSS property to change the border of an element to Yxy 45.1619, 0.3245, 0.2514 is called "border". The border property can be set on classes, ids or directly on the HTML element.

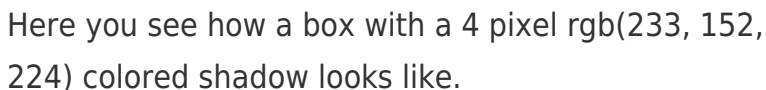
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 152, 224) }
```

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

```
.border{ border-color:rgb(233, 152, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 152, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 152, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 152, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 152,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1619, 0.3245, 0.2514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 152, 224) }
```

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

```
.background{ background-color: rgb(233,  
152, 224) }
```

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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