

Converting Colors

$Y_{xy}(39.0055, 0.3316, 0.2507)$

Have a look what the booklet for
Yxy(39.0055, 0.3316, 0.2507)
contains.

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Color

Yxy(38.9160, 0.3310, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	E08BD1
RGB	224, 139, 209
RGB Percent	88%, 55%, 82%
CMY	0.1216, 0.4549, 0.1803
CMYK	0.00, 0.38, 0.07, 0.12
HSL	311°, 58%, 71%
HSV	311°, 38%, 88%
XYZ	51.4836, 38.9160, 65.1400
YIQ	172.3950, 28.1900, 39.7900

Conversions

Conversions Part 2

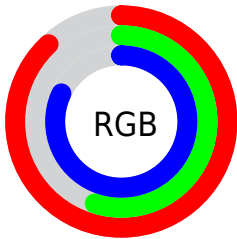
Format	Color
R _Y B	224, 139, 209
Decimal	14715857
CIE Lab	68.69, 42.54, -22.51
CIE LCh	69, 48.123, 332.117
Yxy	38.9160, 0.3310, 0.2502
Android (android.graphics.Color)	4292905937 (0xFFE08BD1)
YUV	172.3950, 18.0463, 45.2576
Hunter-Lab	62.3827, 38.1439, -18.2427

Details

The Yxy color **38.9160, 0.3310, 0.2502** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **61.1303, 0.2988, 0.4235**, and the grayscale version is **41.3629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0636, 0.3155, 0.2693**, and **17.3650, 0.3351, 0.2311** is the 20% darker color. If you saturate the color by 10%, you get **32.8890, 0.3372, 0.2306**, and if you desaturate by 10%, it is **46.2802, 0.3253, 0.2710**.

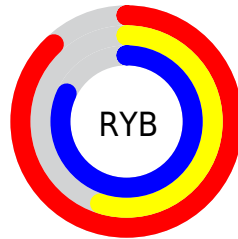
Distribution



Red (88%)

Green (55%)

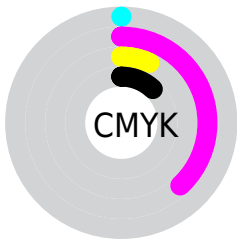
Blue (82%)



Red (88%)

Yellow (55%)

Blue (82%)

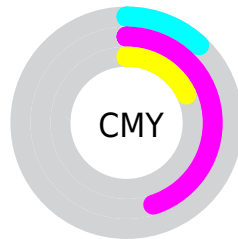


Cyan (0%)

Magenta (38%)

Yellow (7%)

Black (12%)



Cyan (12%)


Magenta (45%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9160, 0.3310, 0.2502 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 38.9160, 0.3310, 0.2502 by changing the saturation by 10% instead.

 38.9160, 0.3310,
0.2502


 38.9160, 0.3310,
0.2502


341.5332, 0.3228,
0.2880


 26.6944, 0.3328,
0.2413


 73.5100, 0.3282,
0.2635

 17.3438, 0.3349,
0.2301


 96.6511, 0.3271,
0.2687

 10.4799, 0.3375,
0.2159


 124.2009, 0.3262,
0.2731

 5.7183, 0.3406,
0.1969

156.5437, 0.3253,
0.2768

 2.6746, 0.3442,
0.1709

194.0640, 0.3246,
0.2802

 0.9643, 0.3477,
0.1334

237.1461, 0.3239,

 0.0000, 0.3771,

0.2831

0.0000

286.1743, 0.3233,
0.2857

0.0000, 0.0000,
0.0000

38.9160, 0.3310,
0.2502

38.9160, 0.3310,
0.2502

32.8890, 0.3372,
0.2306

46.2802, 0.3253,
0.2710

28.1122, 0.3438,
0.2133

55.0510, 0.3203,
0.2921

24.4965, 0.3507,
0.1991

65.2996, 0.3158,
0.3130


21.9390, 0.3575,
0.1890


77.0905, 0.3120,
0.3330


20.3185, 0.3642,
0.1834

90.4847, 0.3087,
0.3520

 19.4650, 0.3706,
0.1822

 93.2323, 0.3063,
0.3519

 19.3308, 0.3719,
0.1822

 93.4599, 0.3041,
0.3477

 93.6925, 0.3019,
0.3436

 93.9302, 0.2997,
0.3396

Harmonies

Analogous

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



38.9160, 0.2621, 0.2251



38.9160, 0.3310, 0.2502



38.9160, 0.4020, 0.2918

Triad

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



38.9160, 0.3310, 0.2502



38.9160, 0.4135, 0.4415



38.9160, 0.1941, 0.2912

Complementary

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



38.9160, 0.3310, 0.2502



61.1303, 0.2988, 0.4235

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.



38.9160, 0.2261, 0.3635



38.9160, 0.3310, 0.2502



38.9160, 0.3519, 0.4604

Square

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



38.9160, 0.3310, 0.2502



38.9160, 0.4504, 0.3961



38.9160, 0.2832, 0.4321



38.9160, 0.1902, 0.2421

Rectangle

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



38.9160, 0.3310, 0.2502



38.9160, 0.4368, 0.3252



38.9160, 0.2832, 0.4321



38.9160, 0.2016, 0.3135

Sweetspot

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



38.9178, 0.3310, 0.2502



83.0768, 0.3172, 0.3065



30.6364, 0.2542, 0.2172



17.3730, 0.3178, 0.3037



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.



38.9178, 0.3310, 0.2502



45.3115, 0.3362, 0.2337



37.1151, 0.3743, 0.2957



13.8920, 0.3165, 0.3099



11.2678, 0.3709, 0.1817



0.7920, 0.3619, 0.1767

Inverse Universe

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



38.9178, 0.3310, 0.2502



45.3115, 0.3362, 0.2337



62.7686, 0.2751, 0.3657



13.8920, 0.3165, 0.3099



11.2678, 0.3709, 0.1817



0.7920, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 38.9160, 0.3310, 0.2502 looks on a white background.

Color Contrast Check

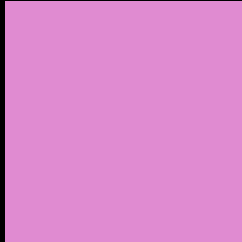
Large Text (above 18pt) WCAG AA × Fail

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 38.9160, 0.3310, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

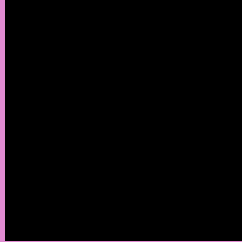
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9160, 0.3310, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 38.9160, 0.3310, 0.2502.



This preview shows how white text looks on a background with the Yxy color 38.9160, 0.3310, 0.2502.

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

38.9160, 0.3310, 0.2502

Protanopia

39.4136, 0.2532, 0.2473

Deuteranopia

39.0175, 0.2820, 0.2758



Tritanopia

38.9384, 0.3731, 0.3158

Trichromacy



Original Color

38.9160, 0.3310, 0.2502



Protanomaly

38.3980, 0.2772, 0.2464



Deuteranomaly

38.4637, 0.2983, 0.2646



Tritanomaly

38.6808, 0.3573, 0.2899

Monochromacy



Original Color

38.9160, 0.3310, 0.2502



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.7208, 0.3199, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9160, 0.3310, 0.2502 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(224, 139, 209)` looks like.

```
.text, #text, p{  
    color:rgb(224, 139, 209)  
}
```

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(224, 139, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 139, 209) }
```

Border

The CSS property to change the border of an element to Yxy 38.9160, 0.3310, 0.2502 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(224, 139, 209) }
```

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

```
.border{ border-color:rgb(224, 139, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 139, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 139, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 139, 209);  
box-shadow:4px 4px 4px 4px rgb(224, 139,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9160, 0.3310, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 139, 209) }
```

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

```
.background{ background-color: rgb(224,  
139, 209) }
```

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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