

Converting Colors

$Y_{xy}(30.2080, 0.3750, 0.2479)$

Have a look what the booklet for
Yxy(30.2080, 0.3750, 0.2479)
contains.

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Color

Yxy(30.2208, 0.3741, 0.2479)

Conversions

Conversions Part 1

Format	Color
Hex	E56AB3
RGB	229, 106, 179
RGB Percent	90%, 42%, 70%
CMY	0.1019, 0.5843, 0.2980
CMYK	0.00, 0.54, 0.22, 0.10
HSL	324°, 70%, 66%
HSV	324°, 54%, 90%
XYZ	45.6055, 30.2208, 46.0809
YIQ	151.0990, 49.8750, 48.7790

Conversions

Conversions Part 2

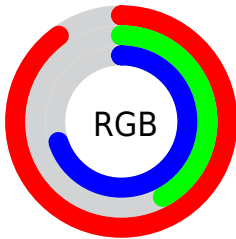
Format	Color
R _Y B	229, 106, 179
Decimal	15035059
CIE Lab	61.84, 55.90, -15.94
CIE LCh	62, 58.132, 344.081
Yxy	30.2208, 0.3741, 0.2479
Android (android.graphics.Color)	4293225139 (0xFFE56AB3)
YUV	151.0990, 13.7552, 68.3192
Hunter-Lab	54.9734, 51.8785, -11.2178

Details

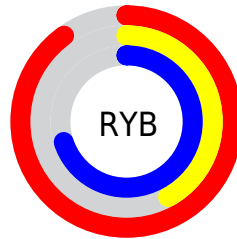
The Yxy color **30.2208, 0.3741, 0.2479** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61.5061, 0.2801, 0.4310**, and the grayscale version is **30.9169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7479, 0.3334, 0.2550**, and **12.4455, 0.3935, 0.2257** is the 20% darker color. If you saturate the color by 10%, you get **25.7518, 0.3912, 0.2363**, and if you desaturate by 10%, it is **35.9781, 0.3587, 0.2620**.

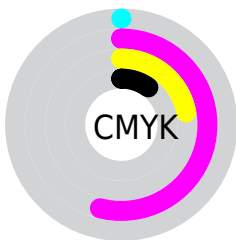
Distribution



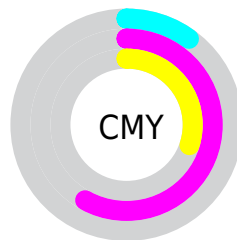
- Red (90%)
- Green (42%)
- Blue (70%)



- Red (90%)
- Yellow (42%)
- Blue (70%)



- Cyan (0%)
- Magenta (54%)
- Yellow (22%)
- Black (10%)



- Cyan (10%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2208, 0.3741, 0.2479 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 30.2208, 0.3741, 0.2479 by changing the saturation by 10% instead.


 30.2208, 0.3741,
0.2479


 30.2208, 0.3741,
0.2479


302.9323, 0.3427,
0.2884


 20.0062, 0.3821,
0.2379


 60.0112, 0.3626,
0.2626

 12.3996, 0.3925,
0.2251


 80.3558, 0.3583,
0.2681

 7.0164, 0.4065,
0.2082


 104.8459, 0.3546,
0.2728

 3.4724, 0.4262,
0.1852

 133.8659, 0.3516,
0.2768

 1.3830, 0.4558,
0.1523

167.8001, 0.3489,
0.2803

 0.2042, 0.5282,
0.0605

207.0330, 0.3466,


 0.0000, 0.7937,

0.2833


0.0000


251.9489, 0.3445,
0.2860


 0.0000, 0.0000,
0.0000


 30.2208, 0.3741,
0.2479


 30.2208, 0.3741,
0.2479


 25.7518, 0.3912,
0.2363


 35.9781, 0.3587,
0.2620


 22.4634, 0.4096,
0.2282

 43.1113, 0.3452,
0.2773

 20.2378, 0.4286,
0.2249

 51.7052, 0.3335,
0.2931

 18.9300, 0.4474,
0.2268

 61.8365, 0.3237,
0.3087

 18.4342, 0.4590,
0.2302

 73.5768, 0.3154,
0.3237

■ 86.9927, 0.3085,
0.3378

■ 94.7207, 0.3029,
0.3399

■ 95.3010, 0.2978,
0.3305

■ 95.3989, 0.2970,
0.3290

Harmonies

Analogous

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



30.2208, 0.2791, 0.2087



30.2208, 0.3741, 0.2479



30.2208, 0.4598, 0.3036

Triad

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



30.2208, 0.3741, 0.2479



30.2208, 0.4079, 0.4884



30.2208, 0.1580, 0.2477

Complementary

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



30.2208, 0.3741, 0.2479



61.5061, 0.2801, 0.4310

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.



30.2208, 0.1814, 0.3314



30.2208, 0.3741, 0.2479



30.2208, 0.3229, 0.4994

Square

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



30.2208, 0.3741, 0.2479



30.2208, 0.4732, 0.4331



30.2208, 0.2397, 0.4357



30.2208, 0.1671, 0.2034

Rectangle

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



30.2208, 0.3741, 0.2479



30.2208, 0.4911, 0.3455



30.2208, 0.2397, 0.4357



30.2208, 0.1620, 0.2712

Sweetspot

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



30.2223, 0.3741, 0.2479



75.6520, 0.3259, 0.3050



22.9546, 0.2477, 0.1731



15.6056, 0.3279, 0.3018



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.



30.2223, 0.3741, 0.2479



32.5392, 0.3924, 0.2356



28.2825, 0.4550, 0.3157



14.5109, 0.3200, 0.3151



10.5637, 0.4563, 0.2287



0.7989, 0.4311, 0.2149

Inverse Universe

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



30.2223, 0.3741, 0.2479



32.5392, 0.3924, 0.2356



64.1002, 0.2498, 0.3448



14.5109, 0.3200, 0.3151



10.5637, 0.4563, 0.2287



0.7989, 0.4311, 0.2149

Previews

White Background



This preview shows how the Yxy color 30.2208, 0.3741, 0.2479 looks on a white background.

Color Contrast Check

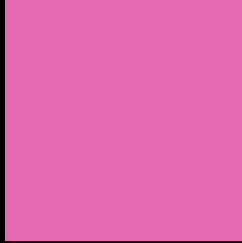
Large Text (above 18pt) WCAG AA × Fail

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 30.2208, 0.3741, 0.2479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

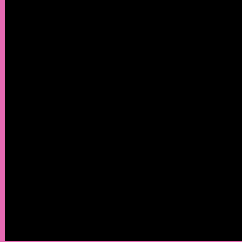
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2208, 0.3741, 0.2479

Background



This preview shows how black text looks on a background with the Yxy color 30.2208, 0.3741, 0.2479.



This preview shows how white text looks on a background with the Yxy color 30.2208, 0.3741, 0.2479.

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

30.2208, 0.3741, 0.2479

Protanopia

30.6086, 0.2484, 0.2417

Deuteranopia

30.4064, 0.2965, 0.2904



Tritanopia

30.3105, 0.4327, 0.3200

Trichromacy



Original Color

30.2208, 0.3741, 0.2479



Protanomaly

29.0678, 0.2857, 0.2406



Deuteranomaly

29.1515, 0.3220, 0.2689



Tritanomaly

30.2477, 0.4120, 0.2933

Monochromacy



Original Color

30.2208, 0.3741, 0.2479



Achromatopsia

30.9469, 0.3127, 0.3290



Achromatomaly

29.4849, 0.3342, 0.2925

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2208, 0.3741, 0.2479 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(229, 106, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 106, 179)  
}
```

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(229, 106, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 106, 179) }
```

Border

The CSS property to change the border of an element to Yxy 30.2208, 0.3741, 0.2479 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(229, 106, 179) }
```

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

```
.border{ border-color:rgb(229, 106, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 106, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 106, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 106, 179); box-shadow:4px 4px 4px 4px rgb(229, 106, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2208, 0.3741, 0.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 106, 179) }
```

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

```
.background{ background-color: rgb(229,  
106, 179) }
```

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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