

Converting Colors

Yxy(29.2401, 0.4124, 0.2900)

Have a look what the booklet for
Yxy(29.2401, 0.4124, 0.2900)
contains.

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Color

Yxy(29.2298, 0.4124, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	E06F90
RGB	224, 111, 144
RGB Percent	88%, 44%, 56%
CMY	0.1217, 0.5646, 0.4354
CMYK	0.00, 0.50, 0.36, 0.12
HSL	342°, 65%, 66%
HSV	342°, 50%, 88%
XYZ	41.4524, 29.2298, 29.8329
YIQ	148.5490, 56.7550, 34.2190

Conversions

Conversions Part 2

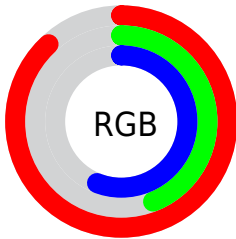
Format	Color
R_{YB}	224, 111, 144
Decimal	14708624
CIE _{Lab}	60.98, 47.35, 2.83
CIE _{LCh}	61, 47.433, 3.422
Yxy	29.2298, 0.4124, 0.2908
Android (android.graphics.Color)	4292898704 (0xFFE06F90)
YUV	148.5490, -2.2427, 66.1705
Hunter-Lab	54.0646, 42.2466, 5.1289

Details

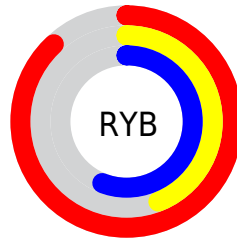
The Yxy color **29.2298, 0.4124, 0.2908** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **60.4436, 0.2634, 0.3736**, and the grayscale version is **29.8496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2475, 0.3661, 0.2948**, and **11.8336, 0.4456, 0.2768** is the 20% darker color. If you saturate the color by 10%, you get **24.4883, 0.4448, 0.2853**, and if you desaturate by 10%, it is **35.2677, 0.3845, 0.2979**.

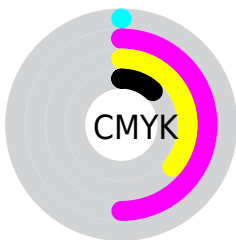
Distribution



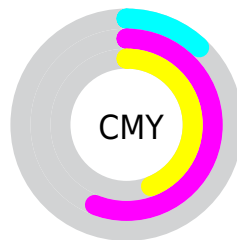
- Red (88%)
- Green (44%)
- Blue (56%)



- Red (88%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (36%)
- Black (12%)




- Cyan (12%)
- Magenta (56%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2298, 0.4124, 0.2908 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 29.2298, 0.4124, 0.2908 by changing the saturation by 10% instead.

 29.2298, 0.4124,
0.2908


 29.2298, 0.4124,
0.2908


298.2977, 0.3587,
0.3118

 19.2547, 0.4271,
0.2849


 58.4420, 0.3919,
0.2989


 11.8545, 0.4468,
0.2770


 78.4479, 0.3846,
0.3018

 6.6447, 0.4743,
0.2657


 102.5662, 0.3784,
0.3042

 3.2409, 0.5154,
0.2485

 131.1813, 0.3732,
0.3062

 1.2588, 0.5820,
0.2198

164.6776, 0.3688,
0.3079

 0.1089, 0.9244,
0.0756

203.4395, 0.3650,

 0.0000, 1.0000,

0.3093


0.0000

247.8514, 0.3617,
0.3106


 0.0000, 0.0000,
0.0000


 29.2298, 0.4124,
0.2908


 29.2298, 0.4124,
0.2908


 24.4883, 0.4448,
0.2853


 35.2677, 0.3845,
0.2979


 20.9426, 0.4806,
0.2825


 42.6839, 0.3611,
0.3058


 18.4844, 0.5178,
0.2835


 51.5587, 0.3418,
0.3137


 16.9832, 0.5531,
0.2892

 61.9651, 0.3260,
0.3214

 16.2294, 0.5822,
0.2981

 73.9710, 0.3132,
0.3287

 87.6403, 0.3028,
0.3354

 94.5838, 0.2940,
0.3289

Harmonies

Analogous

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



29.2298, 0.3356, 0.2461



29.2298, 0.4124, 0.2908



29.2298, 0.4601, 0.3452

Triad

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



29.2298, 0.4124, 0.2908



29.2298, 0.3507, 0.4718



29.2298, 0.1821, 0.2336

Complementary

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



29.2298, 0.4124, 0.2908



60.4436, 0.2634, 0.3736

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.



29.2298, 0.1847, 0.2844



29.2298, 0.4124, 0.2908



29.2298, 0.2770, 0.4393

Square

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



29.2298, 0.4124, 0.2908



29.2298, 0.4180, 0.4512



29.2298, 0.2171, 0.3625



29.2298, 0.2077, 0.2130

Rectangle

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



29.2298, 0.4124, 0.2908



29.2298, 0.4655, 0.3832



29.2298, 0.2171, 0.3625



29.2298, 0.1797, 0.2470

Sweetspot

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



29.2313, 0.4124, 0.2908



76.3533, 0.3330, 0.3179



27.7143, 0.2848, 0.1954



15.7153, 0.3364, 0.3162



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.



29.2313, 0.4124, 0.2908



32.3082, 0.4482, 0.2848



33.9365, 0.4411, 0.3558



13.7660, 0.3246, 0.3222



9.4662, 0.5783, 0.2959



0.6714, 0.5341, 0.2716

Inverse Universe

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



29.2313, 0.4124, 0.2908



32.3082, 0.4482, 0.2848



50.7162, 0.2413, 0.2986



13.7660, 0.3246, 0.3222



9.4662, 0.5783, 0.2959



0.6714, 0.5341, 0.2716

Previews

White Background



This preview shows how the Yxy color 29.2298, 0.4124, 0.2908 looks on a white background.

Color Contrast Check

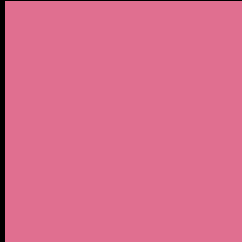
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2298, 0.4124, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

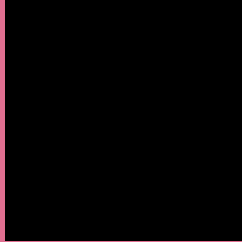
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2298, 0.4124, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 29.2298, 0.4124, 0.2908.



This preview shows how white text looks on a background with the Yxy color 29.2298, 0.4124, 0.2908.

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

29.2298, 0.4124, 0.2908

Protanopia

29.6038, 0.2940, 0.3012

Deuteranopia

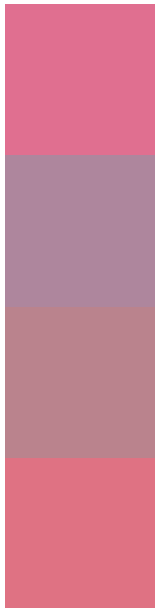
29.5083, 0.3407, 0.3351



Tritanopia

29.2211, 0.4361, 0.3199

Trichromacy



Original Color

29.2298, 0.4124, 0.2908

Protanomaly

28.4832, 0.3331, 0.2959

Deuteranomaly

28.5948, 0.3656, 0.3151

Tritanomaly

29.3613, 0.4272, 0.3094

Monochromacy



Original Color

29.2298, 0.4124, 0.2908

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.6646, 0.3462, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2298, 0.4124, 0.2908 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, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(224, 111, 144)  
}
```

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, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 111, 144) }
```

Border

The CSS property to change the border of an element to Yxy 29.2298, 0.4124, 0.2908 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, 111, 144) }
```

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

```
.border{ border-color:rgb(224, 111, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 111, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 111, 144);  
box-shadow:4px 4px 4px 4px rgb(224, 111,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2298, 0.4124, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 111, 144) }
```

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

```
.background{ background-color: rgb(224,  
111, 144) }
```

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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