

Converting Colors

$Y_{xy}(29.9620, 0.4127, 0.2945)$

Have a look what the booklet for
Yxy(29.9620, 0.4127, 0.2945)
contains.

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Color

Yxy(30.0558, 0.4123, 0.2943)

Conversions

Conversions Part 1

Format	Color
Hex	E17290
RGB	225, 114, 144
RGB Percent	88%, 45%, 56%
CMY	0.1176, 0.5530, 0.4353
CMYK	0.00, 0.49, 0.36, 0.12
HSL	344°, 65%, 66%
HSV	344°, 49%, 88%
XYZ	42.1067, 30.0558, 29.9639
YIQ	150.6090, 56.5260, 32.8620

Conversions

Conversions Part 2

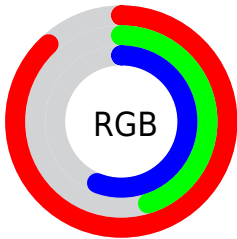
Format	Color
R _Y B	225, 114, 144
Decimal	14774928
CIE Lab	61.70, 46.24, 3.88
CIE LCh	62, 46.399, 4.797
Yxy	30.0558, 0.4123, 0.2943
Android (android.graphics.Color)	4292965008 (0xFFE17290)
YUV	150.6090, -3.2582, 65.2409
Hunter-Lab	54.8232, 41.1557, 5.9710

Details

The Yxy color **30.0558, 0.4123, 0.2943** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **61.3793, 0.2629, 0.3691**, and the grayscale version is **30.7678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3425, 0.3655, 0.2979**, and **12.2526, 0.4453, 0.2810** is the 20% darker color. If you saturate the color by 10%, you get **25.1245, 0.4454, 0.2891**, and if you desaturate by 10%, it is **36.3116, 0.3839, 0.3010**.

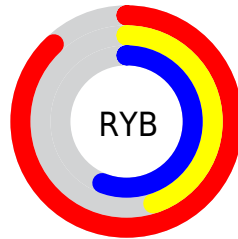
Distribution



Red (88%)

Green (45%)

Blue (56%)



Red (88%)

Yellow (45%)

Blue (56%)

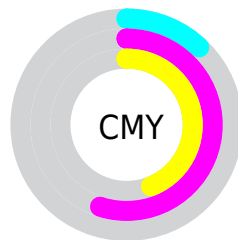


Cyan (0%)

Magenta (49%)

Yellow (36%)

Black (12%)



Cyan (12%)


Magenta (55%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0558, 0.4123, 0.2943 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 30.0558, 0.4123, 0.2943 by changing the saturation by 10% instead.


 30.0558, 0.4123,
0.2943


 30.0558, 0.4123,
0.2943


302.1645, 0.3588,
0.3134


 19.8809, 0.4269,
0.2889


 59.7504, 0.3920,
0.3017

 12.3085, 0.4463,
0.2816


 80.0390, 0.3846,
0.3044

 6.9542, 0.4735,
0.2711


 104.4675, 0.3785,
0.3065

 3.4335, 0.5139,
0.2551

133.4205, 0.3733,
0.3084

 1.3620, 0.5791,
0.2282

167.2823, 0.3689,
0.3099

 0.1885, 0.8813,
0.1187

206.4373, 0.3651,

 0.0000, 1.0000,

0.3113


0.0000


251.2699, 0.3618,
0.3124


 0.0000, 0.0000,
0.0000


 30.0558, 0.4123,
0.2943

 30.0558, 0.4123,
0.2943


 25.1245, 0.4454,
0.2891


 36.3116, 0.3839,
0.3010


 21.4167, 0.4822,
0.2863


 43.9740, 0.3602,
0.3083


 18.8243, 0.5205,
0.2873


 53.1239, 0.3407,
0.3157


 17.2178, 0.5569,
0.2926

 63.8345, 0.3248,
0.3228

 16.3894, 0.5877,
0.3016

 76.1744, 0.3119,
0.3294

 16.3455, 0.5895,
0.3021

 90.2080, 0.3015,
0.3356

 94.7507, 0.2946,
0.3289

Harmonies

Analogous

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



30.0558, 0.3387, 0.2500



30.0558, 0.4123, 0.2943



30.0558, 0.4567, 0.3478

Triad

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



30.0558, 0.4123, 0.2943



30.0558, 0.3467, 0.4670



30.0558, 0.1860, 0.2348

Complementary

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



30.0558, 0.4123, 0.2943



61.3793, 0.2629, 0.3691

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.



30.0558, 0.1873, 0.2831



30.0558, 0.4123, 0.2943



30.0558, 0.2752, 0.4328

Square

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



30.0558, 0.4123, 0.2943



30.0558, 0.4128, 0.4497



30.0558, 0.2178, 0.3578



30.0558, 0.2123, 0.2158

Rectangle

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



30.0558, 0.4123, 0.2943



30.0558, 0.4606, 0.3849



30.0558, 0.2178, 0.3578



30.0558, 0.1833, 0.2475

Sweetspot

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



30.0573, 0.4123, 0.2943



76.3076, 0.3336, 0.3187



28.8821, 0.2874, 0.1988



15.7044, 0.3371, 0.3172



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.



30.0573, 0.4123, 0.2943



33.3222, 0.4456, 0.2890



35.4167, 0.4359, 0.3574



13.7611, 0.3250, 0.3227



9.4339, 0.5856, 0.3000



0.6687, 0.5415, 0.2756

Inverse Universe

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



30.0573, 0.4123, 0.2943



33.3222, 0.4456, 0.2890



50.7709, 0.2421, 0.2968



13.7611, 0.3250, 0.3227



9.4339, 0.5856, 0.3000



0.6687, 0.5415, 0.2756

Previews

White Background



This preview shows how the Yxy color 30.0558, 0.4123, 0.2943 looks on a white background.

Color Contrast Check

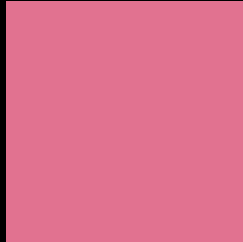
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0558, 0.4123, 0.2943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

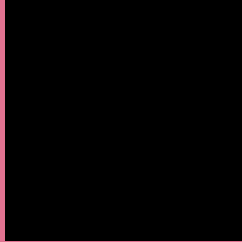
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0558, 0.4123, 0.2943

Background



This preview shows how black text looks on a background with the Yxy color 30.0558, 0.4123, 0.2943.



This preview shows how white text looks on a background with the Yxy color 30.0558, 0.4123, 0.2943.

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

30.0558, 0.4123, 0.2943

Protanopia

30.4711, 0.2979, 0.3060

Deuteranopia

30.1354, 0.3438, 0.3366



Tritanopia

29.9169, 0.4322, 0.3188

Trichromacy



Original Color

30.0558, 0.4123, 0.2943

Protanomaly

29.2727, 0.3350, 0.2990

Deuteranomaly

29.5170, 0.3684, 0.3181

Tritanomaly

30.0315, 0.4247, 0.3094

Monochromacy



Original Color

30.0558, 0.4123, 0.2943

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.7801, 0.3466, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0558, 0.4123, 0.2943 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(225, 114, 144)` looks like.

```
.text, #text, p{  
    color:rgb(225, 114, 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(225, 114, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 114, 144) }
```

Border

The CSS property to change the border of an element to Yxy 30.0558, 0.4123, 0.2943 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(225, 114, 144) }
```

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

```
.border{ border-color:rgb(225, 114, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 114, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 114, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 114, 144);  
box-shadow:4px 4px 4px 4px rgb(225, 114,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0558, 0.4123, 0.2943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 114, 144) }
```

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

```
.background{ background-color: rgb(225,  
114, 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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