

Converting Colors

$Y_{xy}(29.4066, 0.4337, 0.2858)$

Have a look what the booklet for
Yxy(29.4066, 0.4337, 0.2858)
contains.

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Color

Yxy(29.2649, 0.4332, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	ED658E
RGB	237, 101, 142
RGB Percent	93%, 40%, 56%
CMY	0.0707, 0.6038, 0.4431
CMYK	0.00, 0.57, 0.40, 0.07
HSL	342°, 79%, 66%
HSV	342°, 57%, 93%
XYZ	44.4515, 29.2649, 28.8955
YIQ	146.3380, 67.8950, 41.5830

Conversions

Conversions Part 2

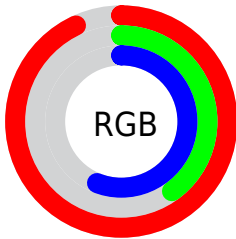
Format	Color
R _{YB}	237, 101, 142
Decimal	15558030
CIE _{Lab}	61.01, 56.15, 4.26
CIE _{LCh}	61, 56.309, 4.338
Yxy	29.2649, 0.4332, 0.2852
Android (android.graphics.Color)	4293748110 (0xFFED658E)
YUV	146.3380, -2.1386, 79.5106
Hunter-Lab	54.0970, 52.0033, 6.1987

Details

The Yxy color **29.2649, 0.4332, 0.2852** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **67.3011, 0.2595, 0.3830**, and the grayscale version is **28.8836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.3595, 0.3699, 0.2886**, and **11.8476, 0.4747, 0.2688** is the 20% darker color. If you saturate the color by 10%, you get **24.8462, 0.4678, 0.2813**, and if you desaturate by 10%, it is **35.0868, 0.4025, 0.2916**.

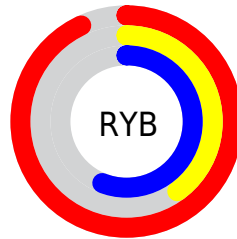
Distribution



Red (93%)

Green (40%)

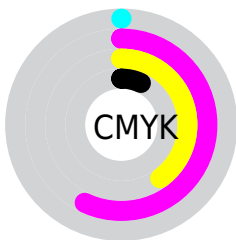
Blue (56%)



Red (93%)

Yellow (40%)

Blue (56%)

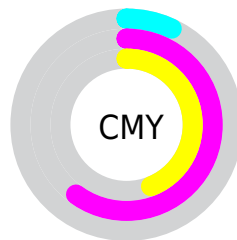


Cyan (0%)

Magenta (57%)

Yellow (40%)

Black (7%)



Cyan (7%)


Magenta (60%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2649, 0.4332, 0.2852 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 29.2649, 0.4332, 0.2852 by changing the saturation by 10% instead.


 29.2649, 0.4332,
0.2852


 29.2649, 0.4332,
0.2852

298.4628, 0.3684,
0.3094

 19.2813, 0.4508,
0.2784


 58.4977, 0.4086,
0.2946


 11.8737, 0.4743,
0.2691


 78.5157, 0.3997,
0.2979

 6.6577, 0.5069,
0.2560


 102.6473, 0.3922,
0.3007

 3.2490, 0.5547,
0.2362

 131.2768, 0.3860,
0.3030

 1.2631, 0.6301,
0.2036

164.7888, 0.3806,
0.3050

 0.1123, 0.9363,
0.0637

203.5675, 0.3760,


 0.0000, 1.0000,


0.3067


0.0000

247.9973, 0.3720,
0.3081


 0.0000, 0.0000,
0.0000


 29.2649, 0.4332,
0.2852


 29.2649, 0.4332,
0.2852


 24.8462, 0.4678,
0.2813


 35.0868, 0.4025,
0.2916


 21.7054, 0.5045,
0.2810


 42.4139, 0.3762,
0.2993


 19.7026, 0.5404,
0.2853


 51.3438, 0.3543,
0.3075


 18.6524, 0.5721,
0.2941

 61.9648, 0.3364,
0.3157

 18.4580, 0.5797,
0.2967

 74.3586, 0.3217,
0.3235

 88.6014, 0.3098,
0.3309

 96.7379, 0.3017,
0.3290

Harmonies

Analogous

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



29.2649, 0.3417, 0.2346



29.2649, 0.4332, 0.2852



29.2649, 0.4877, 0.3463

Triad

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



29.2649, 0.4332, 0.2852



29.2649, 0.3512, 0.4996



29.2649, 0.1632, 0.2159

Complementary

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



29.2649, 0.4332, 0.2852



67.3011, 0.2595, 0.3830

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.



29.2649, 0.1644, 0.2720



29.2649, 0.4332, 0.2852



29.2649, 0.2662, 0.4608

Square

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



29.2649, 0.4332, 0.2852



29.2649, 0.4306, 0.4709



29.2649, 0.1988, 0.3647



29.2649, 0.1927, 0.1952

Rectangle

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



29.2649, 0.4332, 0.2852



29.2649, 0.4912, 0.3894



29.2649, 0.1988, 0.3647



29.2649, 0.1602, 0.2303

Sweetspot

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



29.2664, 0.4332, 0.2852



73.5927, 0.3359, 0.3159



26.8866, 0.2772, 0.1768



15.1722, 0.3392, 0.3143



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.



29.2664, 0.4332, 0.2852



28.5269, 0.4747, 0.2809



33.8501, 0.4704, 0.3561



15.1288, 0.3246, 0.3219



10.1014, 0.5754, 0.2944



0.8097, 0.5361, 0.2727

Inverse Universe

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



29.2664, 0.4332, 0.2852



28.5269, 0.4747, 0.2809



55.9898, 0.2342, 0.2966



15.1288, 0.3246, 0.3219



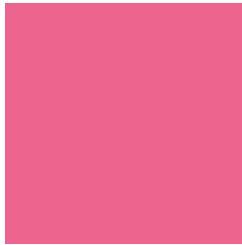
10.1014, 0.5754, 0.2944



0.8097, 0.5361, 0.2727

Previews

White Background



This preview shows how the Yxy color 29.2649, 0.4332, 0.2852 looks on a white background.

Color Contrast Check

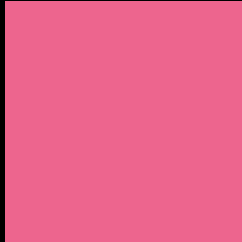
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2649, 0.4332, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

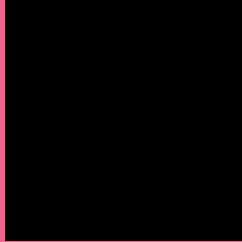
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2649, 0.4332, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 29.2649, 0.4332, 0.2852.



This preview shows how white text looks on a background with the Yxy color 29.2649, 0.4332, 0.2852.

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

29.2649, 0.4332, 0.2852

Protanopia

29.6613, 0.2896, 0.2952

Deuteranopia

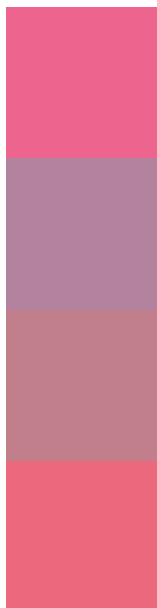
29.2306, 0.3453, 0.3382



Tritanopia

29.1851, 0.4668, 0.3209

Trichromacy



Original Color

29.2649, 0.4332, 0.2852

Protanomaly

27.9334, 0.3361, 0.2879

Deuteranomaly

28.2202, 0.3775, 0.3141

Tritanomaly

29.1887, 0.4555, 0.3079

Monochromacy



Original Color

29.2649, 0.4332, 0.2852

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.5933, 0.3531, 0.3075

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2649, 0.4332, 0.2852 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(237, 101, 142)` looks like.

```
.text, #text, p{  
    color:rgb(237, 101, 142)  
}
```

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(237, 101, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 101, 142) }
```

Border

The CSS property to change the border of an element to Yxy 29.2649, 0.4332, 0.2852 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(237, 101, 142) }
```

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

```
.border{ border-color:rgb(237, 101, 142) }
```

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

Here you see how a box with a 4 pixel rgb(237, 101, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 101, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 101, 142);  
box-shadow:4px 4px 4px 4px rgb(237, 101,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2649, 0.4332, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 101, 142) }
```

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

```
.background{ background-color: rgb(237,  
101, 142) }
```

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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