

Converting Colors

$Y_{xy}(28.2590, 0.4025, 0.2537)$

Have a look what the booklet for
Yxy(28.2590, 0.4025, 0.2537)
contains.

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Color

Yxy(28.3479, 0.4031, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	EB5EA4
RGB	235, 94, 164
RGB Percent	92%, 37%, 64%
CMY	0.0786, 0.6312, 0.3569
CMYK	0.00, 0.60, 0.30, 0.08
HSL	330°, 78%, 65%
HSV	330°, 60%, 92%
XYZ	44.9529, 28.3479, 38.2173
YIQ	144.1390, 61.5660, 51.6620

Conversions

Conversions Part 2

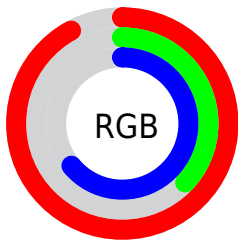
Format	Color
RYB	235, 94, 164
Decimal	15425188
CIELab	60.20, 61.11, -9.70
CIELCh	60, 61.871, 350.983
Yxy	28.3479, 0.4031, 0.2542
Android (android.graphics.Color)	4293615268 (0xFFEB5EA4)
YUV	144.1390, 9.7915, 79.6851
Hunter-Lab	53.2427, 57.5331, -5.2880

Details

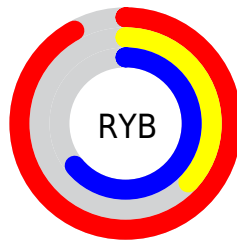
The Yxy color **28.3479, 0.4031, 0.2542** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **64.4922, 0.2714, 0.4257**, and the grayscale version is **27.8963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.1872, 0.3491, 0.2590**, and **11.3168, 0.4325, 0.2317** is the 20% darker color. If you saturate the color by 10%, you get **24.3771, 0.4267, 0.2468**, and if you desaturate by 10%, it is **33.6329, 0.3817, 0.2647**.

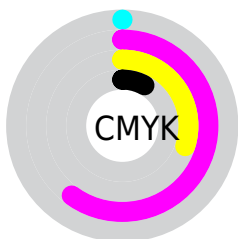
Distribution



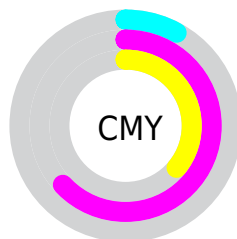
- Red (92%)
- Green (37%)
- Blue (64%)



- Red (92%)
- Yellow (37%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (8%)



- Cyan (8%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3479, 0.4031, 0.2542 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 28.3479, 0.4031, 0.2542 by changing the saturation by 10% instead.


 28.3479, 0.4031,
0.2542


 28.3479, 0.4031,
0.2542


294.1256, 0.3555,
0.2926

 18.5881, 0.4158,
0.2444


 57.0394, 0.3852,
0.2683

 11.3730, 0.4324,
0.2317


 76.7399, 0.3787,
0.2736

 6.3183, 0.4554,
0.2147


 100.5227, 0.3732,
0.2780

 3.0396, 0.4888,
0.1908

 128.7722, 0.3686,
0.2818

 1.1524, 0.5410,
0.1555

161.8729, 0.3646,
0.2850

 0.0223, 0.7020,
0.0092

200.2091, 0.3611,


 0.0000, 1.0000,

0.2879


0.0000

244.1652, 0.3581,
0.2903

 0.0000, 0.0000,
0.0000

 28.3479, 0.4031,
0.2542


 28.3479, 0.4031,
0.2542


 24.3771, 0.4267,
0.2468


 33.6329, 0.3817,
0.2647


 21.5956, 0.4517,
0.2437


 40.3334, 0.3629,
0.2771

 19.8616, 0.4767,
0.2460


 48.5454, 0.3469,
0.2904


 18.9325, 0.5007,
0.2532


 58.3556, 0.3333,
0.3037

 18.9302, 0.5008,
0.2532

 69.8437, 0.3220,
0.3167

 83.0843, 0.3127,
0.3290

 95.8796, 0.3051,
0.3371

 96.3949, 0.3005,
0.3290

Harmonies

Analogous

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



28.3479, 0.2980, 0.2081



28.3479, 0.4031, 0.2542



28.3479, 0.4873, 0.3154

Triad

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



28.3479, 0.4031, 0.2542



28.3479, 0.3928, 0.5096



28.3479, 0.1471, 0.2260

Complementary

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



28.3479, 0.4031, 0.2542



64.4922, 0.2714, 0.4257

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.



28.3479, 0.1627, 0.3058



28.3479, 0.4031, 0.2542



28.3479, 0.3001, 0.5075

Square

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



28.3479, 0.4031, 0.2542



28.3479, 0.4706, 0.4538



28.3479, 0.2156, 0.4206



28.3479, 0.1641, 0.1889

Rectangle

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



28.3479, 0.4031, 0.2542



28.3479, 0.5102, 0.3603



28.3479, 0.2156, 0.4206



28.3479, 0.1484, 0.2474

Sweetspot

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



28.3494, 0.4031, 0.2542



72.7294, 0.3310, 0.3062



21.9566, 0.2505, 0.1599



14.7603, 0.3346, 0.3024



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.



28.3494, 0.4031, 0.2542



28.4448, 0.4325, 0.2456



26.4786, 0.5013, 0.3296



15.1787, 0.3215, 0.3174



10.5656, 0.4972, 0.2513



0.8491, 0.4662, 0.2342

Inverse Universe

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



28.3494, 0.4031, 0.2542



28.4448, 0.4325, 0.2456



67.7705, 0.2392, 0.3288



15.1787, 0.3215, 0.3174



10.5656, 0.4972, 0.2513



0.8491, 0.4662, 0.2342

Previews

White Background



This preview shows how the Yxy color 28.3479, 0.4031, 0.2542 looks on a white background.

Color Contrast Check

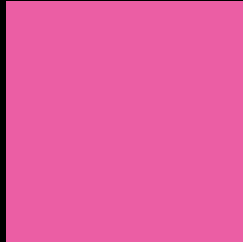
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3479, 0.4031, 0.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

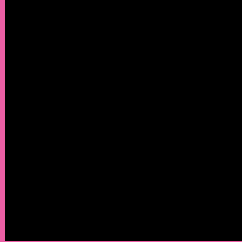
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3479, 0.4031, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 28.3479, 0.4031, 0.2542.



This preview shows how white text looks on a background with the Yxy color 28.3479, 0.4031, 0.2542.

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

28.3479, 0.4031, 0.2542

Protanopia

28.7696, 0.2541, 0.2489

Deuteranopia

28.3541, 0.3107, 0.3044



Tritanopia

28.2843, 0.4647, 0.3207

Trichromacy



Original Color

28.3479, 0.4031, 0.2542



Protanomaly

26.7917, 0.2974, 0.2454



Deuteranomaly

27.0206, 0.3416, 0.2790



Tritanomaly

28.1291, 0.4419, 0.2953

Monochromacy



Original Color

28.3479, 0.4031, 0.2542



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.5032, 0.3448, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3479, 0.4031, 0.2542 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(235, 94, 164)` looks like.

```
.text, #text, p{  
  color:rgb(235, 94, 164)  
}
```

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(235, 94, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 94, 164) }
```

Border

The CSS property to change the border of an element to Yxy 28.3479, 0.4031, 0.2542 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(235, 94, 164) }
```

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

```
.border{ border-color:rgb(235, 94, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 94, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 94, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 94, 164);  
box-shadow:4px 4px 4px 4px rgb(235, 94,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3479, 0.4031, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 94, 164) }
```

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

```
.background{ background-color: rgb(235, 94,  
164) }
```

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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