

Converting Colors

$Y_{xy}(28.2762, 0.3519, 0.2004)$

Have a look what the booklet for
Yxy(28.2762, 0.3519, 0.2004)
contains.

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Color

Yxy(28.4030, 0.3524, 0.2009)

Conversions

Conversions Part 1

Format	Color
Hex	EF4ED1
RGB	239, 78, 209
RGB Percent	94%, 31%, 82%
CMY	0.0628, 0.6940, 0.1805
CMYK	0.00, 0.67, 0.13, 0.06
HSL	311°, 83%, 62%
HSV	311°, 67%, 94%
XYZ	49.8219, 28.4030, 63.1539
YIQ	141.0730, 53.9050, 74.8730

Conversions

Conversions Part 2

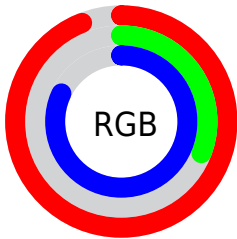
Format	Color
R _Y B	239, 78, 209
Decimal	15683281
CIE Lab	60.25, 74.48, -35.33
CIE LCh	60, 82.432, 334.625
Yxy	28.4030, 0.3524, 0.2009
Android (android.graphics.Color)	4293873361 (0xFFEF4ED1)
YUV	141.0730, 33.4880, 85.8820
Hunter-Lab	53.2945, 73.6039, -32.9525

Details

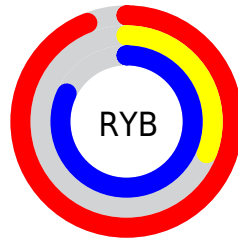
The Yxy color **28.4030, 0.3524, 0.2009** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **64.4295, 0.2917, 0.5119**, and the grayscale version is **26.5227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6570, 0.3180, 0.2170**, and **11.9168, 0.3596, 0.1754** is the 20% darker color. If you saturate the color by 10%, you get **25.3837, 0.3598, 0.1907**, and if you desaturate by 10%, it is **32.6645, 0.3451, 0.2151**.

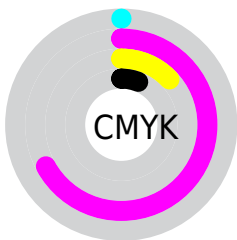
Distribution



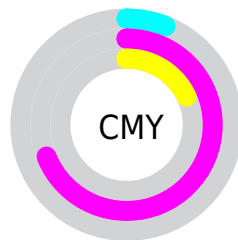
- Red (94%)
- Green (31%)
- Blue (82%)



- Red (94%)
- Yellow (31%)
- Blue (82%)



- Cyan (0%)
- Magenta (67%)
- Yellow (13%)
- Black (6%)





- Cyan (6%)
- Magenta (69%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4030, 0.3524, 0.2009 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 28.4030, 0.3524, 0.2009 by changing the saturation by 10% instead.


 28.4030, 0.3524,
0.2009


 28.4030, 0.3524,
0.2009


294.3876, 0.3346,
0.2617


 18.6297, 0.3562,
0.1870


 57.1272, 0.3464,
0.2221

 11.4030, 0.3606,
0.1699


 76.8469, 0.3440,
0.2303

 6.3386, 0.3658,
0.1485


 100.6508, 0.3419,
0.2374

 3.0520, 0.3716,
0.1214

 128.9233, 0.3401,
0.2435

 1.1590, 0.3775,
0.0871

162.0489, 0.3385,
0.2489

 0.0278, 0.3970,
0.0048

200.4118, 0.3370,


 0.0000, 0.3727,


0.2537


0.0000

244.3966, 0.3358,
0.2579

 0.0000, 0.0000,
0.0000


 28.4030, 0.3524,
0.2009

 28.4030, 0.3524,
0.2009


 25.3837, 0.3598,
0.1907


 32.6645, 0.3451,
0.2151


 23.4614, 0.3669,
0.1852

 38.2841, 0.3381,
0.2325


 22.4527, 0.3738,
0.1841


 45.3689, 0.3316,
0.2520


 22.2614, 0.3756,
0.1843


 54.0142, 0.3256,
0.2727

 64.3073, 0.3203,
0.2937

 76.3289, 0.3157,
0.3143

 90.1546, 0.3117,
0.3342

 96.4378, 0.3088,
0.3392

 96.7129, 0.3062,
0.3348

Harmonies

Analogous

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



28.4030, 0.2282, 0.1610



28.4030, 0.3524, 0.2009



28.4030, 0.4900, 0.2640

Triad

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



28.4030, 0.3524, 0.2009



28.4030, 0.4581, 0.5125



28.4030, 0.1133, 0.2386

Complementary

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



28.4030, 0.3524, 0.2009



64.4295, 0.2917, 0.5119

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.



28.4030, 0.1506, 0.3754



28.4030, 0.3524, 0.2009



28.4030, 0.3479, 0.5805

Square

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



28.4030, 0.3524, 0.2009



28.4030, 0.5425, 0.4202



28.4030, 0.2357, 0.5360



28.4030, 0.1153, 0.1706

Rectangle

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



28.4030, 0.3524, 0.2009



28.4030, 0.5502, 0.3126



28.4030, 0.2357, 0.5360



28.4030, 0.1207, 0.2761

Sweetspot

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



28.4044, 0.3524, 0.2009



71.0681, 0.3217, 0.2880



14.8456, 0.1995, 0.1212



14.4814, 0.3232, 0.2821



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.



28.4044, 0.3524, 0.2009



28.3932, 0.3626, 0.1880



25.3879, 0.4641, 0.2786



15.9779, 0.3166, 0.3100



12.3222, 0.3745, 0.1837



1.0380, 0.3662, 0.1791

Inverse Universe

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



28.4044, 0.3524, 0.2009



28.3932, 0.3626, 0.1880



66.9772, 0.2560, 0.3979



15.9779, 0.3166, 0.3100



12.3222, 0.3745, 0.1837



1.0380, 0.3662, 0.1791

Previews

White Background



This preview shows how the Yxy color 28.4030, 0.3524, 0.2009 looks on a white background.

Color Contrast Check

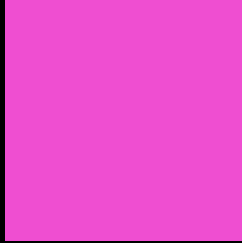
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4030, 0.3524, 0.2009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

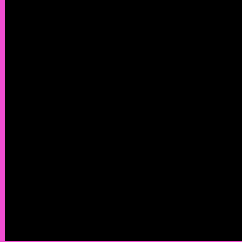
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4030, 0.3524, 0.2009

Background



This preview shows how black text looks on a background with the Yxy color 28.4030, 0.3524, 0.2009.



This preview shows how white text looks on a background with the Yxy color 28.4030, 0.3524, 0.2009.

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

28.4030, 0.3524, 0.2009

Protanopia

28.9457, 0.2024, 0.1812

Deuteranopia

28.7372, 0.2527, 0.2475



Tritanopia

28.1583, 0.4621, 0.3217

Trichromacy



Original Color

28.4030, 0.3524, 0.2009



Protanomaly

25.5697, 0.2371, 0.1780



Deuteranomaly

26.1798, 0.2826, 0.2185



Tritanomaly

27.8275, 0.4226, 0.2726

Monochromacy



Original Color

28.4030, 0.3524, 0.2009



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.0572, 0.3287, 0.2615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4030, 0.3524, 0.2009 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(239, 78, 209)` looks like.

```
.text, #text, p{  
    color:rgb(239, 78, 209)  
}
```

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(239, 78, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 78, 209) }
```

Border

The CSS property to change the border of an element to Yxy 28.4030, 0.3524, 0.2009 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(239, 78, 209) }
```

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

```
.border{ border-color:rgb(239, 78, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 78, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 78, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 78, 209);  
box-shadow:4px 4px 4px 4px rgb(239, 78,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4030, 0.3524, 0.2009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 78, 209) }
```

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

```
.background{ background-color: rgb(239, 78,  
209) }
```

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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