

Converting Colors

$Y_{xy}(28.3989, 0.4191, 0.2753)$

Have a look what the booklet for
Yxy(28.3989, 0.4191, 0.2753)
contains.

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Color

Yxy(28.4401, 0.4186, 0.2752)

Conversions

Conversions Part 1

Format	Color
Hex	E86495
RGB	232, 100, 149
RGB Percent	91%, 39%, 58%
CMY	0.0902, 0.6078, 0.4157
CMYK	0.00, 0.57, 0.36, 0.09
HSL	338°, 74%, 65%
HSV	338°, 57%, 91%
XYZ	43.2595, 28.4401, 31.6437
YIQ	145.0540, 62.9430, 43.2230

Conversions

Conversions Part 2

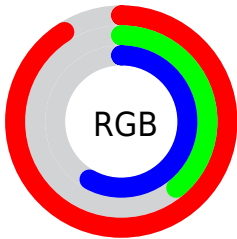
Format	Color
R _Y B	232, 100, 149
Decimal	15230101
CIE Lab	60.28, 55.80, -0.95
CIE LCh	60, 55.804, 359.022
Yxy	28.4401, 0.4186, 0.2752
Android (android.graphics.Color)	4293420181 (0xFFE86495)
YUV	145.0540, 1.9454, 76.2516
Hunter-Lab	53.3293, 51.4691, 2.1498

Details

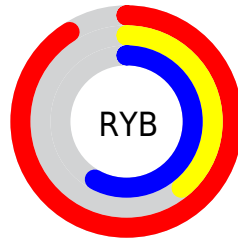
The Yxy color **28.4401, 0.4186, 0.2752** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **63.8394, 0.2644, 0.3956**, and the grayscale version is **28.3131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0145, 0.3635, 0.2795**, and **11.4938, 0.4562, 0.2583** is the 20% darker color. If you saturate the color by 10%, you get **24.1693, 0.4489, 0.2695**, and if you desaturate by 10%, it is **34.0389, 0.3917, 0.2834**.

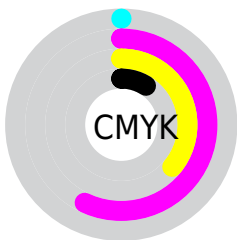
Distribution



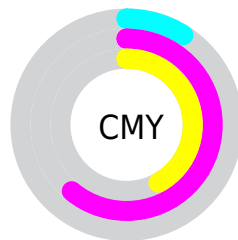
- Red (91%)
- Green (39%)
- Blue (58%)



- Red (91%)
- Yellow (39%)
- Blue (58%)



- Cyan (0%)
- Magenta (57%)
- Yellow (36%)
- Black (9%)




- Cyan (9%)
- Magenta (61%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.4401, 0.4186, 0.2752 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 28.4401, 0.4186, 0.2752 by changing the saturation by 10% instead.


 28.4401, 0.4186,
0.2752


 28.4401, 0.4186,
0.2752


294.5639, 0.3618,
0.3040


 18.6577, 0.4341,
0.2674


 57.1863, 0.3970,
0.2861


 11.4232, 0.4547,
0.2571


 76.9189, 0.3892,
0.2901

 6.3522, 0.4834,
0.2427


 100.7370, 0.3827,
0.2933

 3.0604, 0.5260,
0.2216

 129.0250, 0.3772,
0.2961

 1.1634, 0.5941,
0.1880

162.1673, 0.3725,
0.2985

 0.0315, 0.9200,
0.0190

200.5483, 0.3684,

 0.0000, 1.0000,

0.3006


0.0000


244.5524, 0.3649,
0.3024


 0.0000, 0.0000,
0.0000

 28.4401, 0.4186,
0.2752

 28.4401, 0.4186,
0.2752

 24.1693, 0.4489,
0.2695

 34.0389, 0.3917,
0.2834


 21.1092, 0.4814,
0.2677


 41.0612, 0.3687,
0.2930


 19.1294, 0.5140,
0.2708

 49.5984, 0.3494,
0.3031

 18.0608, 0.5442,
0.2790


 59.7333, 0.3334,
0.3131

 17.8286, 0.5530,
0.2820

 71.5424, 0.3203,
0.3227

 85.0974, 0.3096,
0.3317

 95.6475, 0.3009,
0.3328

 95.8949, 0.2987,
0.3290

Harmonies

Analogous

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



28.4401, 0.3248, 0.2274



28.4401, 0.4186, 0.2752



28.4401, 0.4823, 0.3350

Triad

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



28.4401, 0.4186, 0.2752



28.4401, 0.3662, 0.4986



28.4401, 0.1611, 0.2230

Complementary

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



28.4401, 0.4186, 0.2752



63.8394, 0.2644, 0.3956

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.



28.4401, 0.1679, 0.2860



28.4401, 0.4186, 0.2752



28.4401, 0.2807, 0.4733

Square

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



28.4401, 0.4186, 0.2752



28.4401, 0.4425, 0.4616



28.4401, 0.2085, 0.3832



28.4401, 0.1852, 0.1965

Rectangle

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



28.4401, 0.4186, 0.2752



28.4401, 0.4929, 0.3779



28.4401, 0.2085, 0.3832



28.4401, 0.1599, 0.2396

Sweetspot

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



28.4416, 0.4186, 0.2752



73.7592, 0.3337, 0.3129



24.8149, 0.2692, 0.1745



15.2112, 0.3367, 0.3109



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.



28.4416, 0.4186, 0.2752



29.3086, 0.4535, 0.2690



30.4305, 0.4749, 0.3461



14.4560, 0.3234, 0.3203



9.9206, 0.5488, 0.2797



0.7506, 0.5089, 0.2577

Inverse Universe

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



28.4416, 0.4186, 0.2752



29.3086, 0.4535, 0.2690



57.9540, 0.2373, 0.3088



14.4560, 0.3234, 0.3203



9.9206, 0.5488, 0.2797



0.7506, 0.5089, 0.2577

Previews

White Background



This preview shows how the Yxy color 28.4401, 0.4186, 0.2752 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 28.4401, 0.4186, 0.2752 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 28.4401, 0.4186, 0.2752

Background



This preview shows how black text looks on a background with the Yxy color 28.4401, 0.4186, 0.2752.



This preview shows how white text looks on a background with the Yxy color 28.4401, 0.4186, 0.2752.

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

28.4401, 0.4186, 0.2752

Protanopia

28.6098, 0.2778, 0.2784

Deuteranopia

28.6100, 0.3325, 0.3260



Tritanopia

28.3883, 0.4601, 0.3217

Trichromacy



Original Color

28.4401, 0.4186, 0.2752

Protanomaly

27.1126, 0.3220, 0.2735

Deuteranomaly

27.5308, 0.3635, 0.3027

Tritanomaly

28.2559, 0.4452, 0.3038

Monochromacy



Original Color

28.4401, 0.4186, 0.2752

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.1229, 0.3499, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4401, 0.4186, 0.2752 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(232, 100, 149)` looks like.

```
.text, #text, p{  
    color:rgb(232, 100, 149)  
}
```

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(232, 100, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 100, 149) }
```

Border

The CSS property to change the border of an element to Yxy 28.4401, 0.4186, 0.2752 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(232, 100, 149) }
```

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

```
.border{ border-color:rgb(232, 100, 149) }
```

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

Here you see how a box with a 4 pixel rgb(232, 100, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 100, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 100, 149);  
box-shadow:4px 4px 4px 4px rgb(232, 100,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4401, 0.4186, 0.2752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 100, 149) }
```

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

```
.background{ background-color: rgb(232,  
100, 149) }
```

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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