

Converting Colors

$Y_{xy}(28.6221, 0.3552, 0.2244)$

Have a look what the booklet for
Yxy(28.6221, 0.3552, 0.2244)
contains.

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Color

Yxy(28.5684, 0.3553, 0.2242)

Conversions

Conversions Part 1

Format	Color
Hex	E261C1
RGB	226, 97, 193
RGB Percent	89%, 38%, 76%
CMY	0.1136, 0.6197, 0.2431
CMYK	0.00, 0.57, 0.15, 0.11
HSL	315°, 69%, 63%
HSV	315°, 57%, 89%
XYZ	45.2737, 28.5684, 53.5817
YIQ	146.5150, 46.0680, 57.2040

Conversions

Conversions Part 2

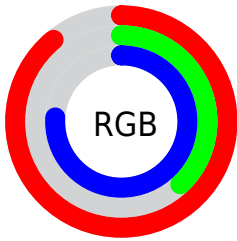
Format	Color
R _Y B	226, 97, 193
Decimal	14836161
CIE Lab	60.40, 61.18, -26.18
CIE LCh	60, 66.546, 336.835
Yxy	28.5684, 0.3553, 0.2242
Android (android.graphics.Color)	4293026241 (0xFFE261C1)
YUV	146.5150, 22.9171, 69.7083
Hunter-Lab	53.4494, 57.6597, -22.0221

Details

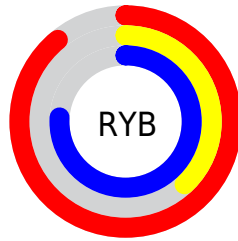
The Yxy color **28.5684, 0.3553, 0.2242** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **58.5661, 0.2887, 0.4676**, and the grayscale version is **28.8544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9446, 0.3214, 0.2343**, and **11.5120, 0.3670, 0.1968** is the 20% darker color. If you saturate the color by 10%, you get **24.7192, 0.3655, 0.2109**, and if you desaturate by 10%, it is **33.6201, 0.3457, 0.2405**.

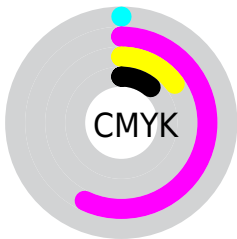
Distribution



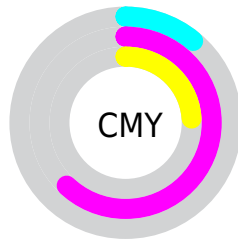
- Red (89%)
- Green (38%)
- Blue (76%)



- Red (89%)
- Yellow (38%)
- Blue (76%)



- Cyan (0%)
- Magenta (57%)
- Yellow (15%)
- Black (11%)




- Cyan (11%)
- Magenta (62%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.5684, 0.3553, 0.2242 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 28.5684, 0.3553, 0.2242 by changing the saturation by 10% instead.


 28.5684, 0.3553,
0.2242


 28.5684, 0.3553,
0.2242


295.1731, 0.3347,
0.2755


 18.7546, 0.3601,
0.2119


 57.3906, 0.3480,
0.2425


 11.4931, 0.3662,
0.1965

 77.1679, 0.3452,
0.2495

 6.3995, 0.3738,
0.1766


 101.0350, 0.3428,
0.2554

 3.0895, 0.3837,
0.1503

 129.3764, 0.3408,
0.2605

 1.1786, 0.3967,
0.1148

162.5765, 0.3390,
0.2650

 0.0442, 0.4375,
0.0111

201.0197, 0.3374,

 0.0000, 0.4180,


0.2689


0.0000


245.0905, 0.3360,
0.2724

 0.0000, 0.0000,
0.0000

 28.5684, 0.3553,
0.2242


 28.5684, 0.3553,
0.2242

 24.7192, 0.3655,
0.2109


 33.6201, 0.3457,
0.2405


 21.9641, 0.3761,
0.2016


 39.9620, 0.3369,
0.2587

 20.1824, 0.3865,
0.1969


 47.6787, 0.3291,
0.2779

 19.2145, 0.3967,
0.1970

 56.8460, 0.3223,
0.2972

 19.0091, 0.3996,
0.1975

 67.5346, 0.3164,
0.3161

 79.8102, 0.3113,
0.3341

 93.6072, 0.3071,
0.3509

 93.9443, 0.3039,
0.3449

 94.2923, 0.3007,
0.3390

Harmonies

Analogous

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



28.5684, 0.2501, 0.1867



28.5684, 0.3553, 0.2242



28.5684, 0.4635, 0.2818

Triad

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



28.5684, 0.3553, 0.2242



28.5684, 0.4378, 0.4955



28.5684, 0.1411, 0.2520

Complementary

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



28.5684, 0.3553, 0.2242



58.5661, 0.2887, 0.4676

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.



28.5684, 0.1745, 0.3594



28.5684, 0.3553, 0.2242



28.5684, 0.3440, 0.5332

Square

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



28.5684, 0.3553, 0.2242



28.5684, 0.5060, 0.4232



28.5684, 0.2475, 0.4824



28.5684, 0.1436, 0.1938

Rectangle

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



28.5684, 0.3553, 0.2242



28.5684, 0.5101, 0.3264



28.5684, 0.2475, 0.4824



28.5684, 0.1479, 0.2825

Sweetspot

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



28.5698, 0.3553, 0.2242



74.6980, 0.3223, 0.2972



18.7232, 0.2258, 0.1560



15.4331, 0.3236, 0.2933



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.



28.5698, 0.3553, 0.2242



31.5105, 0.3680, 0.2083



26.3107, 0.4414, 0.2931



13.8726, 0.3177, 0.3117



10.8606, 0.3981, 0.1967



0.7670, 0.3836, 0.1887

Inverse Universe

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



28.5698, 0.3553, 0.2242



31.5105, 0.3680, 0.2083



60.8390, 0.2565, 0.3730



13.8726, 0.3177, 0.3117



10.8606, 0.3981, 0.1967



0.7670, 0.3836, 0.1887

Previews

White Background



This preview shows how the Yxy color 28.5684, 0.3553, 0.2242 looks on a white background.

Color Contrast Check

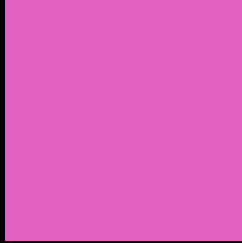
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5684, 0.3553, 0.2242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

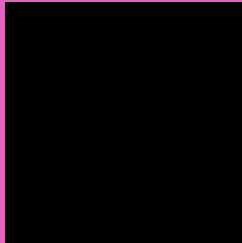
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5684, 0.3553, 0.2242

Background



This preview shows how black text looks on a background with the Yxy color 28.5684, 0.3553, 0.2242.

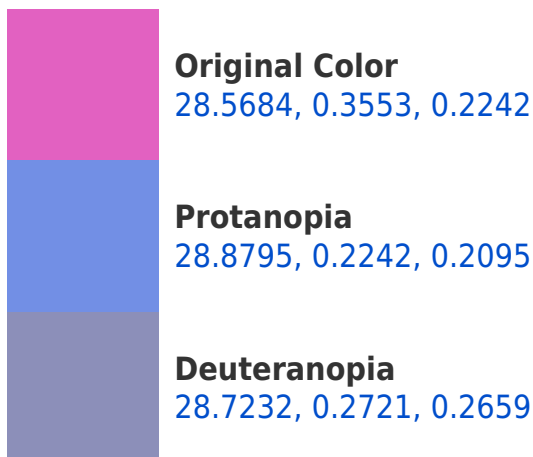


This preview shows how white text looks on a background with the Yxy color 28.5684, 0.3553, 0.2242.

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





Tritanopia

28.4998, 0.4348, 0.3198

Trichromacy



Original Color

28.5684, 0.3553, 0.2242



Protanomaly

26.8481, 0.2595, 0.2088



Deuteranomaly

27.2105, 0.2986, 0.2438



Tritanomaly

28.3928, 0.4060, 0.2823

Monochromacy



Original Color

28.5684, 0.3553, 0.2242



Achromatopsia

29.1771, 0.3127, 0.3290



Achromatomaly

27.6110, 0.3285, 0.2794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5684, 0.3553, 0.2242 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(226, 97, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 97, 193)  
}
```

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(226, 97, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 97, 193) }
```

Border

The CSS property to change the border of an element to Yxy 28.5684, 0.3553, 0.2242 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(226, 97, 193) }
```

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

```
.border{ border-color:rgb(226, 97, 193) }
```

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

Here you see how a box with a 4 pixel rgb(226, 97, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 97, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 97, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 97,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5684, 0.3553, 0.2242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 97, 193) }
```

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

```
.background{ background-color: rgb(226, 97,  
193) }
```

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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