

Converting Colors

$Y_{xy}(27.7255, 0.3591, 0.2217)$

Have a look what the booklet for
Yxy(27.7255, 0.3591, 0.2217)
contains.

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Color

Yxy(27.7468, 0.3595, 0.2221)

Conversions

Conversions Part 1

Format	Color
Hex	E35CBF
RGB	227, 92, 191
RGB Percent	89%, 36%, 75%
CMY	0.1097, 0.6392, 0.2510
CMYK	0.00, 0.59, 0.16, 0.11
HSL	316°, 71%, 63%
HSV	316°, 59%, 89%
XYZ	44.9121, 27.7468, 52.2704
YIQ	143.6510, 48.6810, 59.4090

Conversions

Conversions Part 2

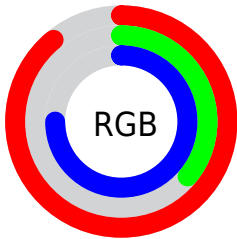
Format	Color
R _Y B	227, 92, 191
Decimal	14900415
CIE Lab	59.66, 63.33, -26.15
CIE LCh	60, 68.515, 337.559
Yxy	27.7468, 0.3595, 0.2221
Android (android.graphics.Color)	4293090495 (0xFFE35CBF)
YUV	143.6510, 23.3431, 73.0971
Hunter-Lab	52.6752, 60.0115, -21.9617

Details

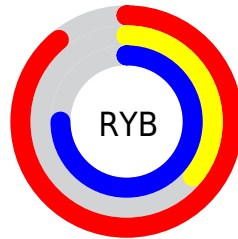
The Yxy color **27.7468, 0.3595, 0.2221** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **58.7815, 0.2875, 0.4723**, and the grayscale version is **27.6322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5322, 0.3233, 0.2323**, and **11.0097, 0.3716, 0.1939** is the 20% darker color. If you saturate the color by 10%, you get **24.1259, 0.3703, 0.2098**, and if you desaturate by 10%, it is **32.5594, 0.3493, 0.2376**.

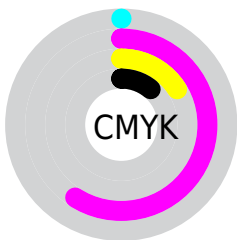
Distribution



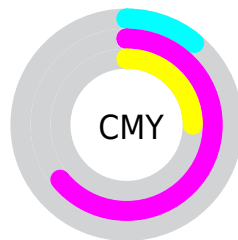
- Red (89%)
- Green (36%)
- Blue (75%)



- Red (89%)
- Yellow (36%)
- Blue (75%)



- Cyan (0%)
- Magenta (59%)
- Yellow (16%)
- Black (11%)





- Cyan (11%)
- Magenta (64%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.7468, 0.3595, 0.2221 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 27.7468, 0.3595, 0.2221 by changing the saturation by 10% instead.


 27.7468, 0.3595,
0.2221


 27.7468, 0.3595,
0.2221


291.2550, 0.3367,
0.2745


 18.1349, 0.3649,
0.2095


 56.0799, 0.3514,
0.2408


 11.0469, 0.3717,
0.1937


 75.5700, 0.3483,
0.2480

 6.0984, 0.3804,
0.1733


 99.1215, 0.3456,
0.2540

 2.9050, 0.3918,
0.1464

 127.1188, 0.3434,
0.2593

 1.0823, 0.4070,
0.1101

159.9465, 0.3414,
0.2638

 0.0000, 0.4544,
0.0000

197.9888, 0.3396,


 0.0000, 0.4403,


0.2678


0.0000


241.6302, 0.3381,
0.2714


 0.0000, 0.0000,
0.0000


 27.7468, 0.3595,
0.2221


 27.7468, 0.3595,
0.2221


 24.1259, 0.3703,
0.2098


 32.5594, 0.3493,
0.2376

 21.5836, 0.3814,
0.2017


 38.6553, 0.3399,
0.2552

 19.9922, 0.3924,
0.1985

 46.1216, 0.3315,
0.2740

 19.1403, 0.4031,
0.1996

 55.0367, 0.3242,
0.2931

 19.1028, 0.4036,
0.1997

 65.4730, 0.3179,
0.3119

■ 77.4982, 0.3125,
0.3299

■ 91.1758, 0.3079,
0.3469

■ 94.1122, 0.3044,
0.3447

■ 94.4772, 0.3010,
0.3385

Harmonies

Analogous

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



27.7468, 0.2500, 0.1832



27.7468, 0.3595, 0.2221



27.7468, 0.4716, 0.2813

Triad

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



27.7468, 0.3595, 0.2221



27.7468, 0.4383, 0.5016



27.7468, 0.1357, 0.2466

Complementary

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



27.7468, 0.3595, 0.2221



58.7815, 0.2875, 0.4723

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.



27.7468, 0.1683, 0.3569



27.7468, 0.3595, 0.2221



27.7468, 0.3412, 0.5416

Square

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



27.7468, 0.3595, 0.2221



27.7468, 0.5106, 0.4262



27.7468, 0.2422, 0.4869



27.7468, 0.1393, 0.1884

Rectangle

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



27.7468, 0.3595, 0.2221



27.7468, 0.5187, 0.3269



27.7468, 0.2422, 0.4869



27.7468, 0.1421, 0.2775

Sweetspot

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



27.7481, 0.3595, 0.2221



73.3661, 0.3233, 0.2957



17.7899, 0.2233, 0.1494



14.9161, 0.3253, 0.2901



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.



27.7481, 0.3595, 0.2221



30.6406, 0.3725, 0.2079



25.4298, 0.4533, 0.2947



14.5461, 0.3178, 0.3119



11.1593, 0.4021, 0.1989



0.8398, 0.3876, 0.1909

Inverse Universe

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



27.7481, 0.3595, 0.2221



30.6406, 0.3725, 0.2079



61.1856, 0.2540, 0.3719



14.5461, 0.3178, 0.3119



11.1593, 0.4021, 0.1989



0.8398, 0.3876, 0.1909

Previews

White Background



This preview shows how the Yxy color 27.7468, 0.3595, 0.2221 looks on a white background.

Color Contrast Check

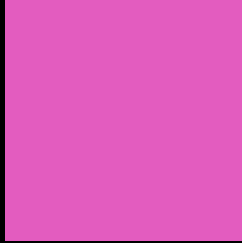
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7468, 0.3595, 0.2221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

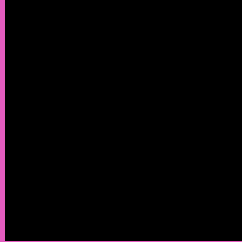
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7468, 0.3595, 0.2221

Background



This preview shows how black text looks on a background with the Yxy color 27.7468, 0.3595, 0.2221.

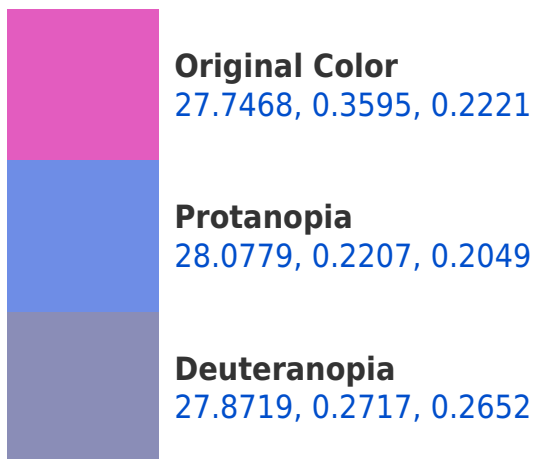


This preview shows how white text looks on a background with the Yxy color 27.7468, 0.3595, 0.2221.

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

27.6755, 0.4435, 0.3200

Trichromacy



Original Color

27.7468, 0.3595, 0.2221



Protanomaly

25.8961, 0.2573, 0.2043



Deuteranomaly

26.2571, 0.2995, 0.2418



Tritanomaly

27.4328, 0.4131, 0.2806

Monochromacy



Original Color

27.7468, 0.3595, 0.2221



Achromatopsia

27.8894, 0.3127, 0.3290



Achromatomaly

26.2391, 0.3300, 0.2774

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7468, 0.3595, 0.2221 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(227, 92, 191)` looks like.

```
.text, #text, p{  
    color:rgb(227, 92, 191)  
}
```

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(227, 92, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 92, 191) }
```

Border

The CSS property to change the border of an element to Yxy 27.7468, 0.3595, 0.2221 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(227, 92, 191) }
```

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

```
.border{ border-color:rgb(227, 92, 191) }
```

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

Here you see how a box with a 4 pixel rgb(227, 92, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 92, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 92, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 92,  
191) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 27.7468, 0.3595, 0.2221$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 92, 191) }
```

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

```
.background{ background-color: rgb(227, 92,  
191) }
```

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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