

Converting Colors

$Y_{xy}(22.8133, 0.5279, 0.2721)$

Have a look what the booklet for
Yxy(22.8133, 0.5279, 0.2721)
contains.

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Color

Yxy(22.8184, 0.5276, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	FF126E
RGB	255, 18, 110
RGB Percent	100%, 7%, 43%
CMY	0.0000, 0.9298, 0.5686
CMYK	0.00, 0.93, 0.57, 0.00
HSL	337°, 100%, 54%
HSV	337°, 93%, 100%
XYZ	44.2773, 22.8184, 16.8264
YIQ	99.3510, 111.7200, 78.8560

Conversions

Conversions Part 2

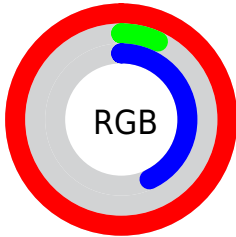
Format	Color
R_{YB}	255, 18, 110
Decimal	16716398
CIE _{Lab}	54.88, 82.06, 14.89
CIE _{LCh}	55, 83.402, 10.283
Yxy	22.8184, 0.5276, 0.2719
Android (android.graphics.Color)	4294906478 (0xFFFF126E)
YUV	99.3510, 5.2500, 136.5042
Hunter-Lab	47.7686, 81.8586, 12.5533

Details

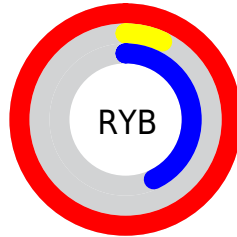
The Yxy color **22.8184, 0.5276, 0.2719** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **74.2884, 0.2605, 0.4541**, and the grayscale version is **12.5218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5337, 0.4254, 0.2716**, and **11.4352, 0.5660, 0.2891** is the 20% darker color. If you saturate the color by 10%, you get **22.1620, 0.5474, 0.2789**, and if you desaturate by 10%, it is **24.5140, 0.4969, 0.2656**.

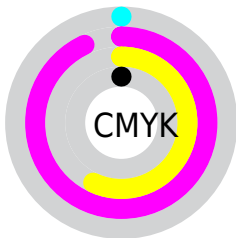
Distribution



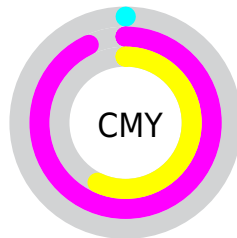
- Red (100%)
- Green (7%)
- Blue (43%)



- Red (100%)
- Yellow (7%)
- Blue (43%)



- Cyan (0%)
- Magenta (93%)
- Yellow (57%)
- Black (0%)




- Cyan (0%)
- Magenta (93%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8184, 0.5276, 0.2719 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 22.8184, 0.5276, 0.2719 by changing the saturation by 10% instead.


 22.8184, 0.5276,
0.2719


 22.8184, 0.5276,
0.2719


266.7909, 0.4088,
0.3075


 14.4595, 0.5602,
0.2605


 48.0950, 0.4820,
0.2866


 8.4409, 0.6031,
0.2445


 65.7814, 0.4656,
0.2916

 4.3784, 0.6611,
0.2209

 87.3458, 0.4520,
0.2956

 1.8874, 0.7415,
0.1847

 113.1725, 0.4406,
0.2989

 0.5408, 0.8775,
0.1225

 143.6460, 0.4308,
0.3016

 0.0000, 1.0000,
0.0000

179.1506, 0.4224,

 0.0000, 0.0000,

0.3039

0.0000

220.0708, 0.4152,
0.3058

■ 22.8184, 0.5276,
0.2719

■ 22.8184, 0.5276,
0.2719

■ 22.1620, 0.5474,
0.2789

■ 24.5140, 0.4969,
0.2656


■ 27.4343, 0.4649,
0.2647


■ 31.7658, 0.4339,
0.2684

■ 37.6648, 0.4056,
0.2756

■ 45.2664, 0.3808,
0.2849

 54.6912, 0.3597,
0.2953

 66.0485, 0.3422,
0.3059

 79.4393, 0.3277,
0.3163

 94.9572, 0.3158,
0.3262

Harmonies

Analogous

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



22.8184, 0.3841, 0.2035



22.8184, 0.5276, 0.2719



22.8184, 0.5849, 0.3489

Triad

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



22.8184, 0.5276, 0.2719



22.8184, 0.3216, 0.6058



22.8184, 0.1088, 0.1530

Complementary

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



22.8184, 0.5276, 0.2719



74.2884, 0.2605, 0.4541

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.



22.8184, 0.0997, 0.2114



22.8184, 0.5276, 0.2719



22.8184, 0.2067, 0.5301

Square

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



22.8184, 0.5276, 0.2719



22.8184, 0.4407, 0.5386



22.8184, 0.1278, 0.3437



22.8184, 0.1527, 0.1393

Rectangle

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



22.8184, 0.5276, 0.2719



22.8184, 0.5644, 0.4058



22.8184, 0.1278, 0.3437



22.8184, 0.1022, 0.1663

Sweetspot

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



22.8158, 0.5276, 0.2719



60.0951, 0.3506, 0.3006



15.1402, 0.2282, 0.1053



11.8539, 0.3585, 0.2960



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.



22.8158, 0.5276, 0.2719



22.1620, 0.5474, 0.2789



22.9324, 0.6213, 0.3379



18.1039, 0.3233, 0.3198



11.6072, 0.5431, 0.2765



1.1508, 0.5126, 0.2597

Inverse Universe

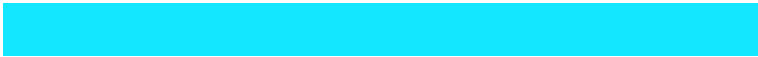
The Inverse Universe completely reimagines the original color for something new.



22.8158, 0.5276, 0.2719



22.1620, 0.5474, 0.2789



64.6626, 0.2172, 0.2990



18.1039, 0.3233, 0.3198



11.6072, 0.5431, 0.2765



1.1508, 0.5126, 0.2597

Previews

White Background



This preview shows how the Yxy color 22.8184, 0.5276, 0.2719 looks on a white background.

Color Contrast Check

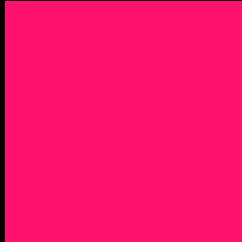
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8184, 0.5276, 0.2719 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 22.8184, 0.5276, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 22.8184, 0.5276, 0.2719.



This preview shows how white text looks on a background with the Yxy color 22.8184, 0.5276, 0.2719.

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

22.8184, 0.5276, 0.2719

Protanopia

23.1714, 0.2795, 0.2818

Deuteranopia

23.1475, 0.3815, 0.3750



Tritanopia

22.8389, 0.6017, 0.3304

Trichromacy



Original Color

22.8184, 0.5276, 0.2719



Protanomaly

18.1197, 0.3611, 0.2546



Deuteranomaly

19.0021, 0.4477, 0.3083



Tritanomaly

22.5741, 0.5819, 0.3112

Monochromacy



Original Color

22.8184, 0.5276, 0.2719



Achromatopsia

12.4772, 0.3127, 0.3290



Achromatomaly

12.4275, 0.4074, 0.2759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8184, 0.5276, 0.2719 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(255, 18, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 18, 110)  
}
```

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(255, 18, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 18, 110) }
```

Border

The CSS property to change the border of an element to Yxy 22.8184, 0.5276, 0.2719 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(255, 18, 110) }
```

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

```
.border{ border-color:rgb(255, 18, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 18, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 18, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 18, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 18,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8184, 0.5276, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 18, 110) }
```

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

```
.background{ background-color: rgb(255, 18,  
110) }
```

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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