

Converting Colors

$Yxy(23.0026, 0.4977, 0.2530)$

Have a look what the booklet for
Yxy(23.0026, 0.4977, 0.2530)
contains.

Yxy(23.0186, 0.4970, 0.2526)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.0186, 0.4970, 0.2526)

Conversions

Conversions Part 1

Format	Color
Hex	FF0881
RGB	255, 8, 129
RGB Percent	100%, 3%, 51%
CMY	0.0000, 0.9685, 0.4942
CMYK	0.00, 0.97, 0.49, 0.00
HSL	331°, 100%, 52%
HSV	331°, 97%, 100%
XYZ	45.2900, 23.0186, 22.8181
YIQ	95.6470, 108.3710, 89.9950

Conversions

Conversions Part 2

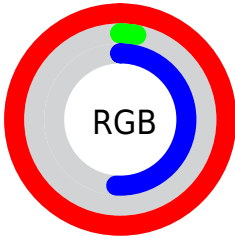
Format	Color
R_{YB}	255, 8, 129
Decimal	16713857
CIE _{Lab}	55.09, 84.10, 3.78
CIE _{LCh}	55, 84.189, 2.570
Yxy	23.0186, 0.4970, 0.2526
Android (android.graphics.Color)	4294903937 (0xFFFF0881)
YUV	95.6470, 16.4430, 139.7526
Hunter-Lab	47.9777, 84.5393, 5.3862

Details

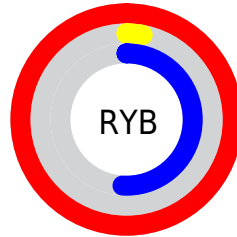
The Yxy color **23.0186, 0.4970, 0.2526** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **73.2945, 0.2713, 0.4950**, and the grayscale version is **11.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9448, 0.3989, 0.2492**, and **11.6556, 0.5306, 0.2697** is the 20% darker color. If you saturate the color by 10%, you get **22.7377, 0.5046, 0.2553**, and if you desaturate by 10%, it is **24.3303, 0.4723, 0.2462**.

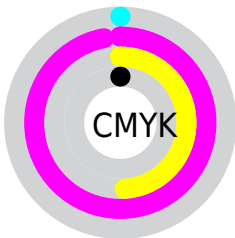
Distribution



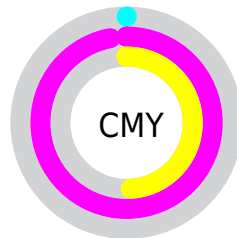
- Red (100%)
- Green (3%)
- Blue (51%)



- Red (100%)
- Yellow (3%)
- Blue (51%)



- Cyan (0%)
- Magenta (97%)
- Yellow (49%)
- Black (0%)





- Cyan (0%)
- Magenta (97%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.0186, 0.4970, 0.2526 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 23.0186, 0.4970, 0.2526 by changing the saturation by 10% instead.


 23.0186, 0.4970,
0.2526


 23.0186, 0.4970,
0.2526


267.8205, 0.3957,
0.2955


 14.6072, 0.5249,
0.2404


 48.4239, 0.4582,
0.2693

 8.5442, 0.5620,
0.2241

 66.1866, 0.4442,
0.2752

 4.4451, 0.6131,
0.2011

 87.8352, 0.4326,
0.2801

 1.9255, 0.6861,
0.1674

 113.7541, 0.4229,
0.2842

 0.5637, 0.8169,
0.1130

 144.3277, 0.4146,
0.2877

 0.0000, 1.0000,
0.0000

179.9403, 0.4074,

 0.0000, 0.0000,

0.2906

0.0000

220.9765, 0.4012,
0.2932

■ 23.0186, 0.4970,
0.2526

■ 23.0186, 0.4970,
0.2526

■ 22.7377, 0.5046,
0.2553

■ 24.3303, 0.4723,
0.2462

■ 26.7579, 0.4466,
0.2453

■ 30.5113, 0.4214,
0.2496

■ 35.7562, 0.3979,
0.2579

■ 42.6337, 0.3768,
0.2690

■ 51.2685, 0.3585,
0.2816

■ 61.7731, 0.3429,
0.2949

■ 74.2505, 0.3299,
0.3080

■ 88.7962, 0.3190,
0.3207

Harmonies

Analogous

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



23.0186, 0.3443, 0.1882



23.0186, 0.4970, 0.2526



23.0186, 0.5825, 0.3281

Triad

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



23.0186, 0.4970, 0.2526



23.0186, 0.3523, 0.5990



23.0186, 0.1026, 0.1620

Complementary

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



23.0186, 0.4970, 0.2526



73.2945, 0.2713, 0.4950

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.



23.0186, 0.1020, 0.2364



23.0186, 0.4970, 0.2526



23.0186, 0.2336, 0.5686

Square

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



23.0186, 0.4970, 0.2526



23.0186, 0.4699, 0.5131



23.0186, 0.1420, 0.3913



23.0186, 0.1368, 0.1388

Rectangle

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



23.0186, 0.4970, 0.2526



23.0186, 0.5781, 0.3827



23.0186, 0.1420, 0.3913



23.0186, 0.0987, 0.1796

Sweetspot

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



23.0188, 0.4970, 0.2526



59.3517, 0.3460, 0.2920



12.2610, 0.2037, 0.0906



11.7323, 0.3526, 0.2863



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.



23.0188, 0.4970, 0.2526



22.7377, 0.5046, 0.2553



21.4520, 0.6363, 0.3300



18.1354, 0.3217, 0.3174



11.9109, 0.5008, 0.2532



1.1817, 0.4748, 0.2389

Inverse Universe

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



23.0188, 0.4970, 0.2526



22.7377, 0.5046, 0.2553



78.7918, 0.2249, 0.3287



18.1354, 0.3217, 0.3174



11.9109, 0.5008, 0.2532



1.1817, 0.4748, 0.2389

Previews

White Background



This preview shows how the Yxy color 23.0186, 0.4970, 0.2526 looks on a white background.

Color Contrast Check

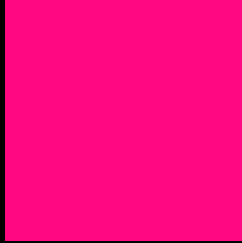
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0186, 0.4970, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

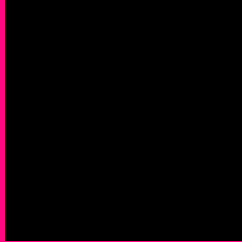
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0186, 0.4970, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 23.0186, 0.4970, 0.2526.



This preview shows how white text looks on a background with the Yxy color 23.0186, 0.4970, 0.2526.

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

23.0186, 0.4970, 0.2526

Protanopia

23.4908, 0.2483, 0.2412

Deuteranopia

23.3257, 0.3520, 0.3457



Tritanopia

23.2131, 0.5915, 0.3298

Trichromacy



Original Color

23.0186, 0.4970, 0.2526



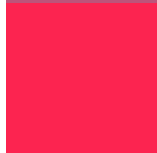
Protanomaly

17.5877, 0.3206, 0.2164



Deuteranomaly

18.5646, 0.4144, 0.2780



Tritanomaly

22.5364, 0.5670, 0.3026

Monochromacy



Original Color

23.0186, 0.4970, 0.2526



Achromatopsia

11.6971, 0.3127, 0.3290



Achromatomaly

11.6195, 0.3973, 0.2584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0186, 0.4970, 0.2526 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, 8, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 129)  
}
```

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, 8, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 129) }
```

Border

The CSS property to change the border of an element to Yxy 23.0186, 0.4970, 0.2526 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, 8, 129) }
```

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

```
.border{ border-color:rgb(255, 8, 129) }
```

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

Here you see how a box with a 4 pixel rgb(255, 8, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 8, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 8,  
129) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 23.0186, 0.4970, 0.2526$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 129) }
```

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

```
.background{ background-color: rgb(255, 8,  
129) }
```

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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