

Converting Colors

Yxy(23.2230, 0.5176, 0.2688)

Have a look what the booklet for
Yxy(23.2230, 0.5176, 0.2688)
contains.

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Color

Yxy(23.1931, 0.5183, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	FF1973
RGB	255, 25, 115
RGB Percent	100%, 10%, 45%
CMY	0.0000, 0.9022, 0.5490
CMYK	0.00, 0.90, 0.55, 0.00
HSL	337°, 100%, 55%
HSV	337°, 90%, 100%
XYZ	44.6877, 23.1931, 18.3389
YIQ	104.0300, 108.1900, 76.7500

Conversions

Conversions Part 2

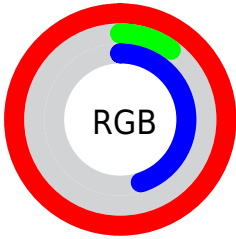
Format	Color
R_{YB}	255, 25, 115
Decimal	16718195
CIE _{Lab}	55.27, 81.59, 12.43
CIE _{LCh}	55, 82.534, 8.662
Yxy	23.1931, 0.5183, 0.2690
Android (android.graphics.Color)	4294908275 (0xFFFF1973)
YUV	104.0300, 5.4082, 132.4007
Hunter-Lab	48.1592, 81.3543, 11.1339

Details

The Yxy color **23.1931, 0.5183, 0.2690** 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 **74.4408, 0.2602, 0.4510**, and the grayscale version is **13.8056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1532, 0.4169, 0.2673**, and **11.4937, 0.5560, 0.2836** is the 20% darker color. If you saturate the color by 10%, you get **22.1765, 0.5462, 0.2782**, and if you desaturate by 10%, it is **25.2049, 0.4871, 0.2642**.

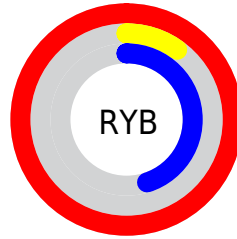
Distribution



Red (100%)

Green (10%)

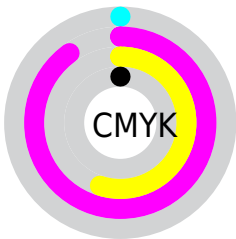
Blue (45%)



Red (100%)

Yellow (10%)

Blue (45%)

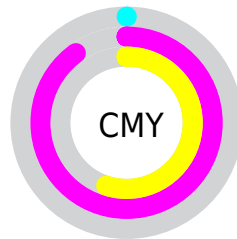


Cyan (0%)

Magenta (90%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1931, 0.5183, 0.2690 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 23.1931, 0.5183, 0.2690 by changing the saturation by 10% instead.


 23.1931, 0.5183,
0.2690


 23.1931, 0.5183,
0.2690


268.7152, 0.4049,
0.3053


 14.7362, 0.5494,
0.2578


 48.7102, 0.4748,
0.2838


 8.6344, 0.5906,
0.2421


 66.5392, 0.4591,
0.2889


 4.5035, 0.6466,
0.2192

 88.2609, 0.4461,
0.2930

 1.9590, 0.7244,
0.1842

 114.2598, 0.4352,
0.2963

 0.5835, 0.8715,
0.1285

 144.9203, 0.4259,
0.2991

 0.0000, 1.0000,
0.0000

180.6268, 0.4179,

 0.0000, 0.0000,

0.3015

0.0000

221.7636, 0.4110,
0.3036

■ 23.1931, 0.5183,
0.2690

■ 23.1931, 0.5183,
0.2690

■ 22.1765, 0.5462,
0.2782


■ 25.2049, 0.4871,
0.2642

■ 28.4975, 0.4554,
0.2648

■ 33.2465, 0.4252,
0.2697

■ 39.6014, 0.3979,
0.2776

■ 47.6928, 0.3743,
0.2874

 57.6379, 0.3544,
0.2980

 69.5435, 0.3378,
0.3087

 83.5083, 0.3241,
0.3190

99.6242, 0.3129,
0.3288

Harmonies

Analogous

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



23.1931, 0.3748, 0.2018



23.1931, 0.5183, 0.2690



23.1931, 0.5812, 0.3453

Triad

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



23.1931, 0.5183, 0.2690



23.1931, 0.3290, 0.6007



23.1931, 0.1095, 0.1568

Complementary

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



23.1931, 0.5183, 0.2690



74.4408, 0.2602, 0.4510

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.



23.1931, 0.1023, 0.2181



23.1931, 0.5183, 0.2690



23.1931, 0.2142, 0.5347

Square

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



23.1931, 0.5183, 0.2690



23.1931, 0.4464, 0.5316



23.1931, 0.1330, 0.3533



23.1931, 0.1511, 0.1411

Rectangle

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



23.1931, 0.5183, 0.2690



23.1931, 0.5648, 0.4014



23.1931, 0.1330, 0.3533



23.1931, 0.1035, 0.1710

Sweetspot

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



23.1905, 0.5183, 0.2690



61.2502, 0.3487, 0.3014



15.6971, 0.2309, 0.1082



12.2911, 0.3547, 0.2978



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.



23.1905, 0.5183, 0.2690



22.1765, 0.5462, 0.2782



23.4398, 0.6145, 0.3392



18.1048, 0.3232, 0.3197



11.6149, 0.5419, 0.2759



1.1516, 0.5115, 0.2591

Inverse Universe

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



23.1905, 0.5183, 0.2690



22.1765, 0.5462, 0.2782



65.1361, 0.2179, 0.3000



18.1048, 0.3232, 0.3197



11.6149, 0.5419, 0.2759



1.1516, 0.5115, 0.2591

Previews

White Background



This preview shows how the Yxy color 23.1931, 0.5183, 0.2690 looks on a white background.

Color Contrast Check

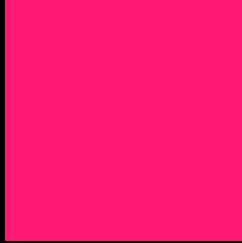
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1931, 0.5183, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

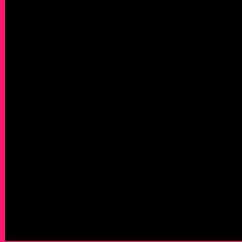
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1931, 0.5183, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 23.1931, 0.5183, 0.2690.



This preview shows how white text looks on a background with the Yxy color 23.1931, 0.5183, 0.2690.

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

23.1931, 0.5183, 0.2690

Protanopia

23.5791, 0.2733, 0.2742

Deuteranopia

23.4268, 0.3726, 0.3669



Tritanopia

23.2069, 0.5950, 0.3298

Trichromacy



Original Color

23.1931, 0.5183, 0.2690



Protanomaly

18.7059, 0.3505, 0.2503



Deuteranomaly

19.6627, 0.4343, 0.3051



Tritanomaly

22.9629, 0.5735, 0.3096

Monochromacy



Original Color

23.1931, 0.5183, 0.2690



Achromatopsia

13.8432, 0.3127, 0.3290



Achromatomaly

13.4858, 0.4003, 0.2765

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1931, 0.5183, 0.2690 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, 25, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 25, 115)  
}
```

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, 25, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 25, 115) }
```

Border

The CSS property to change the border of an element to Yxy 23.1931, 0.5183, 0.2690 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, 25, 115) }
```

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

```
.border{ border-color:rgb(255, 25, 115) }
```

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

Here you see how a box with a 4 pixel rgb(255, 25, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 25, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 25, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 25,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1931, 0.5183, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 25, 115) }
```

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

```
.background{ background-color: rgb(255, 25,  
115) }
```

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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