

Converting Colors

Yxy(23.1348, 0.5415, 0.2846)

Have a look what the booklet for
Yxy(23.1348, 0.5415, 0.2846)
contains.

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Color

Yxy(23.1086, 0.5412, 0.2842)

Conversions

Conversions Part 1

Format	Color
Hex	FF1E64
RGB	255, 30, 100
RGB Percent	100%, 12%, 39%
CMY	0.0000, 0.8823, 0.6079
CMYK	0.00, 0.88, 0.61, 0.00
HSL	341°, 100%, 56%
HSV	341°, 88%, 100%
XYZ	44.0055, 23.1086, 14.1969
YIQ	105.2550, 111.6300, 69.4700

Conversions

Conversions Part 2

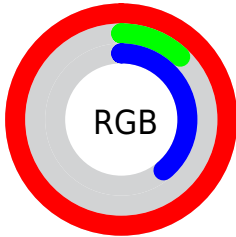
Format	Color
R_{YB}	255, 30, 100
Decimal	16719460
CIE _{Lab}	55.18, 79.98, 21.31
CIE _{LCh}	55, 82.770, 14.923
Yxy	23.1086, 0.5412, 0.2842
Android (android.graphics.Color)	4294909540 (0xFFFF1E64)
YUV	105.2550, -2.5907, 131.3264
Hunter-Lab	48.0714, 79.2776, 16.1399

Details

The Yxy color **23.1086, 0.5412, 0.2842** 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 **75.2997, 0.2525, 0.4220**, and the grayscale version is **14.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9774, 0.4383, 0.2864**, and **11.2135, 0.5822, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **21.9738, 0.5722, 0.2936**, and if you desaturate by 10%, it is **25.3392, 0.5058, 0.2794**.

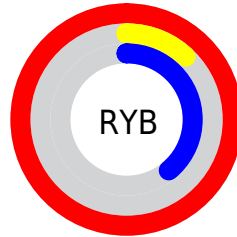
Distribution



Red (100%)

Green (12%)

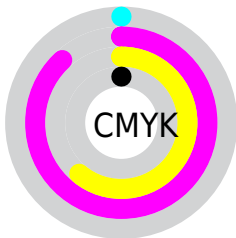
Blue (39%)



Red (100%)

Yellow (12%)

Blue (39%)

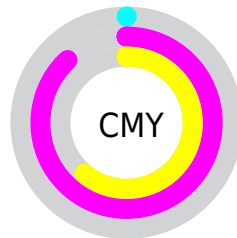


Cyan (0%)

Magenta (88%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (88%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1086, 0.5412, 0.2842 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 23.1086, 0.5412, 0.2842 by changing the saturation by 10% instead.


 23.1086, 0.5412,
0.2842


 23.1086, 0.5412,
0.2842


268.2823, 0.4151,
0.3150


 14.6737, 0.5753,
0.2734


 48.5716, 0.4931,
0.2976


 8.5907, 0.6197,
0.2578


 66.3685, 0.4756,
0.3020


 4.4752, 0.6787,
0.2340

 88.0548, 0.4612,
0.3054

 1.9428, 0.7665,
0.1987

 114.0150, 0.4490,
0.3081

 0.5739, 0.8694,
0.1306

 144.6335, 0.4386,
0.3103

 0.0000, 1.0000,
0.0000

180.2946, 0.4297,

 0.0000, 0.0000,

0.3121

0.0000

221.3827, 0.4219,
0.3137

■ 23.1086, 0.5412,
0.2842

■ 23.1086, 0.5412,
0.2842

■ 21.9738, 0.5722,
0.2936

■ 25.3392, 0.5058,
0.2794


■ 21.8292, 0.5772,
0.2953

■ 28.9000, 0.4694,
0.2793

■ 33.9645, 0.4349,
0.2832

■ 40.6789, 0.4042,
0.2896

■ 49.1722, 0.3778,
0.2975

 59.5603, 0.3557,
0.3060

 71.9493, 0.3376,
0.3145

 86.4373, 0.3228,
0.3226

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



23.1086, 0.4074, 0.2141



23.1086, 0.5412, 0.2842



23.1086, 0.5813, 0.3620

Triad

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



23.1086, 0.5412, 0.2842



23.1086, 0.3038, 0.6026



23.1086, 0.1146, 0.1500

Complementary

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



23.1086, 0.5412, 0.2842



75.2997, 0.2525, 0.4220

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.



23.1086, 0.1005, 0.1998



23.1086, 0.5412, 0.2842



23.1086, 0.1927, 0.5013

Square

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



23.1086, 0.5412, 0.2842



23.1086, 0.4227, 0.5519



23.1086, 0.1222, 0.3180



23.1086, 0.1645, 0.1415

Rectangle

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



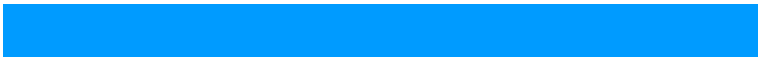
23.1086, 0.5412, 0.2842



23.1086, 0.5527, 0.4203



23.1086, 0.1222, 0.3180



23.1086, 0.1063, 0.1610

Sweetspot

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



23.1093, 0.5412, 0.2842



62.1457, 0.3513, 0.3079



18.3093, 0.2504, 0.1199



12.4512, 0.3582, 0.3049



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.



23.1093, 0.5412, 0.2842



21.8292, 0.5772, 0.2953



25.8936, 0.5947, 0.3520



18.0801, 0.3245, 0.3216



11.4297, 0.5729, 0.2930



1.1315, 0.5409, 0.2753

Inverse Universe

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



23.1093, 0.5412, 0.2842



21.8292, 0.5772, 0.2953



55.4642, 0.2117, 0.2758



18.0801, 0.3245, 0.3216



11.4297, 0.5729, 0.2930



1.1315, 0.5409, 0.2753

Previews

White Background



This preview shows how the Yxy color 23.1086, 0.5412, 0.2842 looks on a white background.

Color Contrast Check

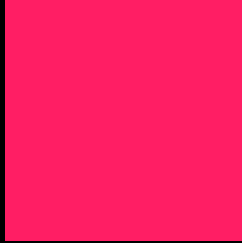
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1086, 0.5412, 0.2842 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 23.1086, 0.5412, 0.2842

Background



This preview shows how black text looks on a background with the Yxy color 23.1086, 0.5412, 0.2842.



This preview shows how white text looks on a background with the Yxy color 23.1086, 0.5412, 0.2842.

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

23.1086, 0.5412, 0.2842

Protanopia

23.3912, 0.3013, 0.3101

Deuteranopia

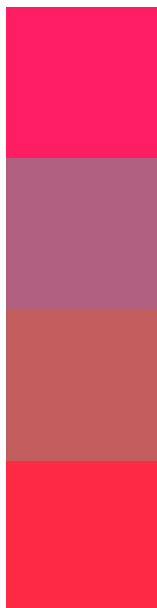
23.2709, 0.3971, 0.3901



Tritanopia

23.1209, 0.5997, 0.3299

Trichromacy



Original Color

23.1086, 0.5412, 0.2842

Protanomaly

19.0638, 0.3860, 0.2824

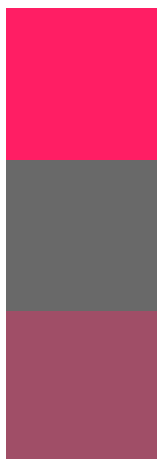
Deuteranomaly

19.9139, 0.4622, 0.3281

Tritanomaly

23.0501, 0.5838, 0.3155

Monochromacy



Original Color

23.1086, 0.5412, 0.2842

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

13.9016, 0.4094, 0.2893

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1086, 0.5412, 0.2842 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, 30, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 30, 100)  
}
```

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, 30, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 30, 100) }
```

Border

The CSS property to change the border of an element to Yxy 23.1086, 0.5412, 0.2842 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, 30, 100) }
```

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

```
.border{ border-color:rgb(255, 30, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 30, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 30, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 30, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 30,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1086, 0.5412, 0.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 30, 100) }
```

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

```
.background{ background-color: rgb(255, 30,  
100) }
```

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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