

Converting Colors

Yxy(23.3432, 0.4736, 0.2622)

Have a look what the booklet for
Yxy(23.3432, 0.4736, 0.2622)
contains.

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Color

Yxy(23.3173, 0.4738, 0.2626)

Conversions

Conversions Part 1

Format	Color
Hex	F23882
RGB	242, 56, 130
RGB Percent	95%, 22%, 51%
CMY	0.0508, 0.7806, 0.4902
CMYK	0.00, 0.77, 0.46, 0.05
HSL	336°, 88%, 58%
HSV	336°, 77%, 95%
XYZ	42.0706, 23.3173, 23.4061
YIQ	120.0500, 87.1020, 62.4460

Conversions

Conversions Part 2

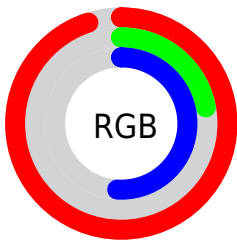
Format	Color
R_{YB}	242, 56, 130
Decimal	15874178
CIE _{Lab}	55.40, 73.30, 3.29
CIE _{LCh}	55, 73.377, 2.571
Yxy	23.3173, 0.4738, 0.2626
Android (android.graphics.Color)	4294064258 (0xFFFF23882)
YUV	120.0500, 4.9053, 106.9501
Hunter-Lab	48.2880, 71.0130, 5.0626

Details

The Yxy color **23.3173, 0.4738, 0.2626** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **67.1897, 0.2601, 0.4320**, and the grayscale version is **18.7556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.1118, 0.3930, 0.2650**, and **10.2974, 0.5166, 0.2620** is the 20% darker color. If you saturate the color by 10%, you get **21.1506, 0.5050, 0.2653**, and if you desaturate by 10%, it is **26.6743, 0.4429, 0.2649**.

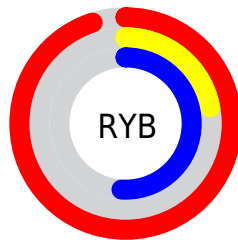
Distribution



Red (95%)

Green (22%)

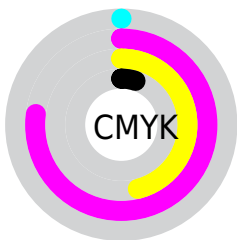
Blue (51%)



Red (95%)

Yellow (22%)

Blue (51%)

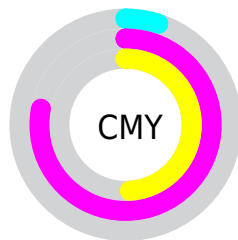


Cyan (0%)

Magenta (77%)

Yellow (46%)

Black (5%)



Cyan (5%)


Magenta (78%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.3173, 0.4738, 0.2626 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 23.3173, 0.4738, 0.2626 by changing the saturation by 10% instead.


 23.3173, 0.4738,
0.2626


 23.3173, 0.4738,
0.2626


269.3505, 0.3850,
0.2999


 14.8280, 0.4986,
0.2519


 48.9138, 0.4396,
0.2772


 8.6987, 0.5319,
0.2374


 66.7898, 0.4273,
0.2823

 4.5452, 0.5784,
0.2167


 88.5634, 0.4171,
0.2866

 1.9830, 0.6468,
0.1857

 114.6191, 0.4086,
0.2901

 0.5976, 0.7721,
0.1338

 145.3413, 0.4014,
0.2931

 0.0000, 1.0000,
0.0000

181.1143, 0.3952,

 0.0000, 0.0000,

0.2957

0.0000

222.3226, 0.3897,
0.2980

■ 23.3173, 0.4738,
0.2626

■ 23.3173, 0.4738,
0.2626

■ 21.1506, 0.5050,
0.2653

■ 26.6743, 0.4429,
0.2649

■ 19.9840, 0.5341,
0.2733


■ 31.3641, 0.4141,
0.2712


■ 19.7338, 0.5428,
0.2764


■ 37.5130, 0.3885,
0.2801


■ 45.2315, 0.3665,
0.2903

■ 54.6194, 0.3480,
0.3012

 65.7679, 0.3326,
0.3119

 78.7618, 0.3200,
0.3223

 93.6804, 0.3097,
0.3319

 97.6232, 0.3048,
0.3290

Harmonies

Analogous

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



23.3173, 0.3419, 0.2022



23.3173, 0.4738, 0.2626



23.3173, 0.5511, 0.3348

Triad

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



23.3173, 0.4738, 0.2626



23.3173, 0.3569, 0.5670



23.3173, 0.1205, 0.1798

Complementary

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



23.3173, 0.4738, 0.2626



67.1897, 0.2601, 0.4320

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.



23.3173, 0.1214, 0.2504



23.3173, 0.4738, 0.2626



23.3173, 0.2475, 0.5315

Square

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



23.3173, 0.4738, 0.2626



23.3173, 0.4619, 0.5019



23.3173, 0.1617, 0.3848



23.3173, 0.1532, 0.1562

Rectangle

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



23.3173, 0.4738, 0.2626



23.3173, 0.5517, 0.3868



23.3173, 0.1617, 0.3848



23.3173, 0.1171, 0.1970

Sweetspot

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



23.3186, 0.4738, 0.2626



66.0490, 0.3418, 0.3053



17.5172, 0.2452, 0.1282



13.2110, 0.3476, 0.3014



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.



23.3186, 0.4738, 0.2626



22.9842, 0.5210, 0.2690



24.1406, 0.5668, 0.3436



15.8631, 0.3231, 0.3196



10.6230, 0.5385, 0.2740



0.9028, 0.5036, 0.2548

Inverse Universe

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



23.3186, 0.4738, 0.2626



22.9842, 0.5210, 0.2690



60.2550, 0.2233, 0.3047



15.8631, 0.3231, 0.3196



10.6230, 0.5385, 0.2740



0.9028, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 23.3173, 0.4738, 0.2626 looks on a white background.

Color Contrast Check

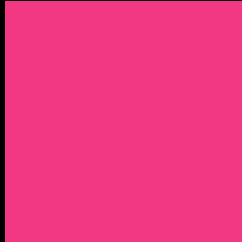
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3173, 0.4738, 0.2626 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 23.3173, 0.4738, 0.2626

Background



This preview shows how black text looks on a background with the Yxy color 23.3173, 0.4738, 0.2626.



This preview shows how white text looks on a background with the Yxy color 23.3173, 0.4738, 0.2626.

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

23.3173, 0.4738, 0.2626

Protanopia

23.6961, 0.2629, 0.2605

Deuteranopia

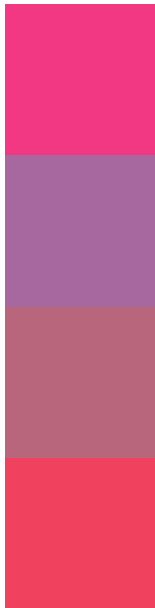
23.3028, 0.3473, 0.3408



Tritanopia

23.3516, 0.5477, 0.3272

Trichromacy



Original Color

23.3173, 0.4738, 0.2626

Protanomaly

20.4762, 0.3266, 0.2491

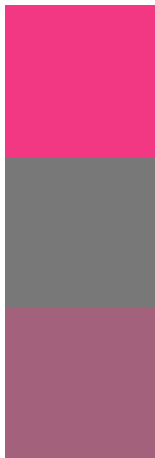
Deuteranomaly

21.0253, 0.3954, 0.2978

Tritanomaly

23.2298, 0.5243, 0.3052

Monochromacy



Original Color

23.3173, 0.4738, 0.2626

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

17.8971, 0.3720, 0.2867

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3173, 0.4738, 0.2626 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(242, 56, 130)` looks like.

```
.text, #text, p{  
    color:rgb(242, 56, 130)  
}
```

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(242, 56, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 56, 130) }
```

Border

The CSS property to change the border of an element to Yxy 23.3173, 0.4738, 0.2626 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(242, 56, 130) }
```

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

```
.border{ border-color:rgb(242, 56, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 56, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 56, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 56, 130);  
box-shadow:4px 4px 4px 4px rgb(242, 56,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3173, 0.4738, 0.2626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 56, 130) }
```

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

```
.background{ background-color: rgb(242, 56,  
130) }
```

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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