

Converting Colors

$Y_{xy}(23.1923, 0.3650, 0.2811)$

Have a look what the booklet for
Yxy(23.1923, 0.3650, 0.2811)
contains.

Yxy(23.2328, 0.3646, 0.2811)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.2328, 0.3646, 0.2811)

Conversions

Conversions Part 1

Format	Color
Hex	B76E90
RGB	183, 110, 144
RGB Percent	72%, 43%, 56%
CMY	0.2825, 0.5686, 0.4353
CMYK	0.00, 0.40, 0.21, 0.28
HSL	332°, 34%, 57%
HSV	332°, 40%, 72%
XYZ	30.1340, 23.2328, 29.2828
YIQ	135.7030, 32.5940, 26.0500

Conversions

Conversions Part 2

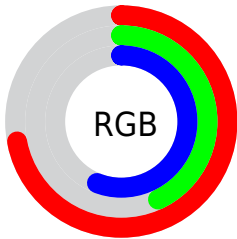
Format	Color
R _Y B	183, 110, 144
Decimal	12021392
CIE Lab	55.31, 33.56, -6.15
CIE LCh	55, 34.120, 349.623
Yxy	23.2328, 0.3646, 0.2811
Android (android.graphics.Color)	4290211472 (0xFFB76E90)
YUV	135.7030, 4.0904, 41.4795
Hunter-Lab	48.2004, 27.2443, -2.2796

Details

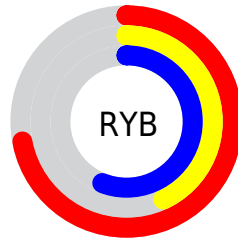
The Yxy color **23.2328, 0.3646, 0.2811** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **39.3424, 0.2805, 0.3833**, and the grayscale version is **24.4802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.7969, 0.3531, 0.2909**, and **8.6291, 0.3827, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **19.3980, 0.3841, 0.2695**, and if you desaturate by 10%, it is **27.9109, 0.3479, 0.2934**.

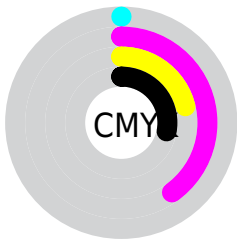
Distribution



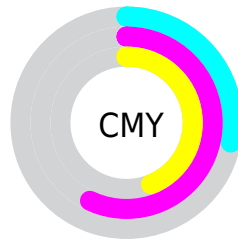
- Red (72%)
- Green (43%)
- Blue (56%)



- Red (72%)
- Yellow (43%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (21%)
- Black (28%)




- Cyan (28%)
- Magenta (57%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2328, 0.3646, 0.2811 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 23.2328, 0.3646, 0.2811 by changing the saturation by 10% instead.


 23.2328, 0.3646,
0.2811


 23.2328, 0.3646,
0.2811


268.9185, 0.3361,
0.3070


 14.7655, 0.3727,
0.2739


 48.7753, 0.3536,
0.2910

 8.6550, 0.3838,
0.2643


 66.6193, 0.3496,
0.2946

 4.5168, 0.3998,
0.2505

 88.3576, 0.3464,
0.2975

 1.9667, 0.4249,
0.2296

 114.3747, 0.3437,
0.3000

 0.5880, 0.4744,
0.1860

145.0550, 0.3414,
0.3021

 0.0000, 1.0000,
0.0000

180.7827, 0.3394,

 0.0000, 0.0000,

0.3040

0.0000

221.9424, 0.3376,
0.3056

■ 23.2328, 0.3646,
0.2811

■ 23.2328, 0.3646,
0.2811

■ 19.3980, 0.3841,
0.2695

■ 27.9109, 0.3479,
0.2934

■ 16.3520, 0.4065,
0.2596

■ 33.4760, 0.3339,
0.3058

■ 14.0391, 0.4313,
0.2526


■ 39.9723, 0.3223,
0.3178


■ 12.3947, 0.4577,
0.2496

■ 47.4405, 0.3126,
0.3291

■ 11.3429, 0.4842,
0.2517


■ 55.9187, 0.3046,
0.3398


 10.7309, 0.5099,
0.2584

 65.4428, 0.2981,
0.3496

 10.7238, 0.5102,
0.2585

 76.0472, 0.2926,
0.3586

 86.8686, 0.2881,
0.3654

 87.4087, 0.2830,
0.3542

Harmonies

Analogous

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



23.2328, 0.3031, 0.2500



23.2328, 0.3646, 0.2811



23.2328, 0.4142, 0.3233

Triad

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



23.2328, 0.3646, 0.2811



23.2328, 0.3709, 0.4373



23.2328, 0.2056, 0.2706

Complementary

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



23.2328, 0.3646, 0.2811



39.3424, 0.2805, 0.3833

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.



23.2328, 0.2198, 0.3221



23.2328, 0.3646, 0.2811



23.2328, 0.3129, 0.4292

Square

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



23.2328, 0.3646, 0.2811



23.2328, 0.4156, 0.4120



23.2328, 0.2579, 0.3838



23.2328, 0.2161, 0.2415

Rectangle

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



23.2328, 0.3646, 0.2811



23.2328, 0.4307, 0.3543



23.2328, 0.2579, 0.3838



23.2328, 0.2076, 0.2855

Sweetspot

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



23.2339, 0.3646, 0.2811



68.7514, 0.3248, 0.3150



20.9567, 0.2793, 0.2208



14.8422, 0.3262, 0.3135



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.2339, 0.3646, 0.2811



35.4235, 0.3819, 0.2707



22.8785, 0.4099, 0.3328



9.0800, 0.3217, 0.3184



7.4970, 0.5075, 0.2569



0.2768, 0.4472, 0.2237

Inverse Universe

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



23.2339, 0.3646, 0.2811



35.4235, 0.3819, 0.2707



39.5962, 0.2579, 0.3252



9.0800, 0.3217, 0.3184



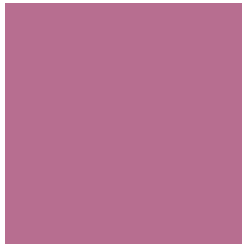
7.4970, 0.5075, 0.2569



0.2768, 0.4472, 0.2237

Previews

White Background



This preview shows how the Yxy color 23.2328, 0.3646, 0.2811 looks on a white background.

Color Contrast Check

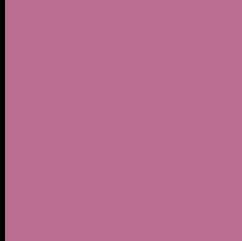
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2328, 0.3646, 0.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

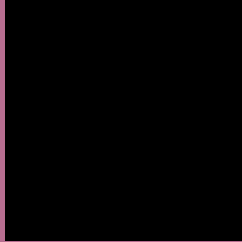
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2328, 0.3646, 0.2811

Background



This preview shows how black text looks on a background with the Yxy color 23.2328, 0.3646, 0.2811.



This preview shows how white text looks on a background with the Yxy color 23.2328, 0.3646, 0.2811.

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

23.2328, 0.3646, 0.2811

Protanopia

23.5603, 0.2826, 0.2854

Deuteranopia

23.3744, 0.3148, 0.3090



Tritanopia

23.2884, 0.3889, 0.3162

Trichromacy



Original Color

23.2328, 0.3646, 0.2811

Protanomaly

23.0111, 0.3091, 0.2826

Deuteranomaly

23.0402, 0.3324, 0.2974

Tritanomaly

23.3940, 0.3798, 0.3033

Monochromacy



Original Color

23.2328, 0.3646, 0.2811

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.8151, 0.3302, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2328, 0.3646, 0.2811 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(183, 110, 144)` looks like.

```
.text, #text, p{  
    color:rgb(183, 110, 144)  
}
```

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(183, 110, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 110, 144) }
```

Border

The CSS property to change the border of an element to Yxy 23.2328, 0.3646, 0.2811 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(183, 110, 144) }
```

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

```
.border{ border-color:rgb(183, 110, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 110, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 110, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 110, 144);  
box-shadow:4px 4px 4px 4px rgb(183, 110,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2328, 0.3646, 0.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 110, 144) }
```

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

```
.background{ background-color: rgb(183,  
110, 144) }
```

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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