

Converting Colors

$Y_{xy}(23.4581, 0.3659, 0.2777)$

Have a look what the booklet for
Yxy(23.4581, 0.3659, 0.2777)
contains.

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Color

Yxy(23.4517, 0.3660, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	BA6D92
RGB	186, 109, 146
RGB Percent	73%, 43%, 57%
CMY	0.2705, 0.5726, 0.4275
CMYK	0.00, 0.41, 0.22, 0.27
HSL	331°, 36%, 58%
HSV	331°, 41%, 73%
XYZ	30.9086, 23.4517, 30.0895
YIQ	136.2410, 34.0150, 27.8310

Conversions

Conversions Part 2

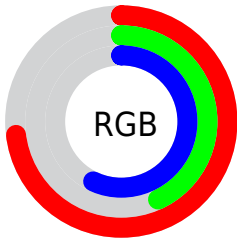
Format	Color
R_{YB}	186, 109, 146
Decimal	12217746
CIE _{Lab}	55.53, 35.50, -6.94
CIE _{LCh}	56, 36.168, 348.944
Yxy	23.4517, 0.3660, 0.2777
Android (android.graphics.Color)	4290407826 (0xFFBA6D92)
YUV	136.2410, 4.8112, 43.6386
Hunter-Lab	48.4270, 29.1809, -2.9402

Details

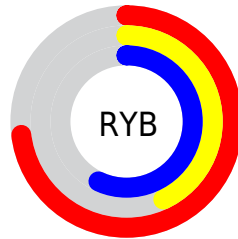
The Yxy color $23.4517, 0.3660, 0.2777$ is a dark color, and the websafe version is hex $CC6699$. A complement of this color would be $40.5449, 0.2802, 0.3878$, and the grayscale version is $24.6881, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.2439, 0.3550, 0.2882$, and $8.7978, 0.3844, 0.2594$ is the 20% darker color. If you saturate the color by 10%, you get $19.6072, 0.3854, 0.2660$, and if you desaturate by 10%, it is $28.1636, 0.3494, 0.2903$.

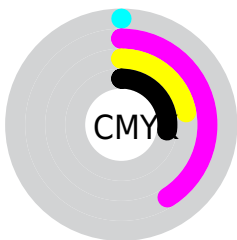
Distribution



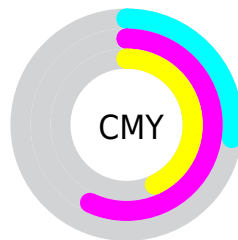
- Red (73%)
- Green (43%)
- Blue (57%)



- Red (73%)
- Yellow (43%)
- Blue (57%)



- Cyan (0%)
- Magenta (41%)
- Yellow (22%)
- Black (27%)





- Cyan (27%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4517, 0.3660, 0.2777 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 23.4517, 0.3660, 0.2777 by changing the saturation by 10% instead.


 23.4517, 0.3660,
0.2777


 23.4517, 0.3660,
0.2777


270.0366, 0.3368,
0.3053

 14.9274, 0.3742,
0.2701


 49.1340, 0.3547,
0.2882

 8.7684, 0.3854,
0.2599


 67.0607, 0.3507,
0.2920

 4.5905, 0.4016,
0.2456

 88.8904, 0.3474,
0.2952

 2.0090, 0.4268,
0.2238

 115.0074, 0.3446,
0.2978

 0.6127, 0.4748,
0.1811

145.7961, 0.3422,
0.3001

 0.0000, 1.0000,
0.0000

181.6410, 0.3402,

 0.0000, 0.0000,

0.3021

0.0000

222.9263, 0.3384,
0.3038

■ 23.4517, 0.3660,
0.2777

■ 23.4517, 0.3660,
0.2777

■ 19.6072, 0.3854,
0.2660

■ 28.1636, 0.3494,
0.2903

■ 16.5727, 0.4074,
0.2561

■ 33.7890, 0.3353,
0.3031

■ 14.2890, 0.4317,
0.2493


■ 40.3745, 0.3236,
0.3156


■ 12.6876, 0.4573,
0.2468

■ 47.9627, 0.3139,
0.3274

■ 11.6867, 0.4830,
0.2494

■ 56.5936, 0.3059,
0.3385

 11.1681, 0.5043,
0.2552

 66.3050, 0.2993,
0.3487

 77.1326, 0.2938,
0.3582

 87.3057, 0.2892,
0.3639

 87.8431, 0.2842,
0.3530

Harmonies

Analogous

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



23.4517, 0.3010, 0.2455



23.4517, 0.3660, 0.2777



23.4517, 0.4191, 0.3216

Triad

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



23.4517, 0.3660, 0.2777



23.4517, 0.3748, 0.4431



23.4517, 0.2003, 0.2681

Complementary

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



23.4517, 0.3660, 0.2777



40.5449, 0.2802, 0.3878

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.



23.4517, 0.2156, 0.3228



23.4517, 0.3660, 0.2777



23.4517, 0.3140, 0.4361

Square

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



23.4517, 0.3660, 0.2777



23.4517, 0.4217, 0.4150



23.4517, 0.2559, 0.3885



23.4517, 0.2107, 0.2373

Rectangle

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



23.4517, 0.3660, 0.2777



23.4517, 0.4370, 0.3539



23.4517, 0.2559, 0.3885



23.4517, 0.2025, 0.2839

Sweetspot

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



23.4528, 0.3660, 0.2777



72.1547, 0.3245, 0.3146



20.8524, 0.2762, 0.2158



15.5273, 0.3259, 0.3130



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



23.4528, 0.3660, 0.2777



35.8940, 0.3842, 0.2666



22.7576, 0.4164, 0.3311



9.0822, 0.3215, 0.3181



7.5273, 0.5014, 0.2536



0.2779, 0.4429, 0.2214

Inverse Universe

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



23.4528, 0.3660, 0.2777



35.8940, 0.3842, 0.2666



41.3818, 0.2565, 0.3269



9.0822, 0.3215, 0.3181



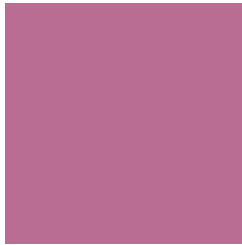
7.5273, 0.5014, 0.2536



0.2779, 0.4429, 0.2214

Previews

White Background



This preview shows how the Yxy color 23.4517, 0.3660, 0.2777 looks on a white background.

Color Contrast Check

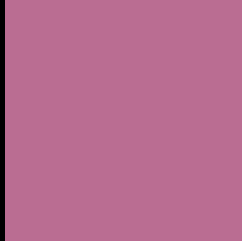
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4517, 0.3660, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

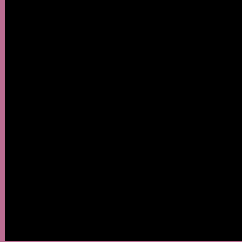
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4517, 0.3660, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 23.4517, 0.3660, 0.2777.



This preview shows how white text looks on a background with the Yxy color 23.4517, 0.3660, 0.2777.

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

23.4517, 0.3660, 0.2777

Protanopia

23.5878, 0.2788, 0.2806

Deuteranopia

23.6690, 0.3137, 0.3091



Tritanopia

23.4057, 0.3945, 0.3164

Trichromacy



Original Color

23.4517, 0.3660, 0.2777

Protanomaly

23.1115, 0.3059, 0.2781

Deuteranomaly

23.1713, 0.3324, 0.2960

Tritanomaly

23.5413, 0.3839, 0.3023

Monochromacy



Original Color

23.4517, 0.3660, 0.2777

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.6852, 0.3304, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4517, 0.3660, 0.2777 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(186, 109, 146)` looks like.

```
.text, #text, p{  
    color:rgb(186, 109, 146)  
}
```

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(186, 109, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 109, 146) }
```

Border

The CSS property to change the border of an element to Yxy 23.4517, 0.3660, 0.2777 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(186, 109, 146) }
```

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

```
.border{ border-color:rgb(186, 109, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 109, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 109, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 109, 146);  
box-shadow:4px 4px 4px 4px rgb(186, 109,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4517, 0.3660, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 109, 146) }
```

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

```
.background{ background-color: rgb(186,  
109, 146) }
```

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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