

Converting Colors

$Y_{xy}(23.7515, 0.3671, 0.3283)$

Have a look what the booklet for
Yxy(23.7515, 0.3671, 0.3283)
contains.

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Color

Yxy(23.8115, 0.3676, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	A77B7B
RGB	167, 123, 123
RGB Percent	65%, 48%, 48%
CMY	0.3452, 0.5176, 0.5177
CMYK	0.00, 0.26, 0.26, 0.35
HSL	0°, 20%, 57%
HSV	0°, 26%, 65%
XYZ	26.5890, 23.8115, 21.9309
YIQ	136.1560, 26.2240, 9.3280

Conversions

Conversions Part 2

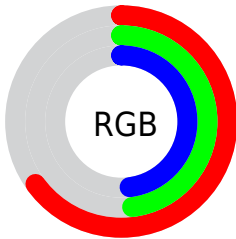
Format	Color
R_{YB}	167, 123, 123
Decimal	10976123
CIE _{Lab}	55.90, 17.10, 6.73
CIE _{LCh}	56, 18.376, 21.473
Yxy	23.8115, 0.3676, 0.3292
Android (android.graphics.Color)	4289166203 (0xFFA77B7B)
YUV	136.1560, -6.4859, 27.0502
Hunter-Lab	48.7970, 11.8681, 7.5112

Details

The Yxy color $23.8115, 0.3676, 0.3292$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $34.6153, 0.2750, 0.3288$, and the grayscale version is $24.6994, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.8338, 0.3559, 0.3303$, and $8.9694, 0.3900, 0.3292$ is the 20% darker color. If you saturate the color by 10%, you get $19.6356, 0.3981, 0.3293$, and if you desaturate by 10%, it is $28.7667, 0.3429, 0.3291$.

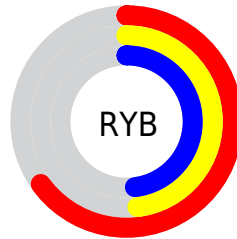
Distribution



Red (65%)

Green (48%)

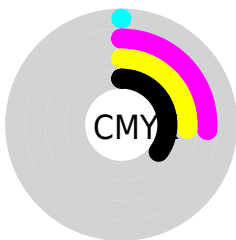
Blue (48%)



Red (65%)

Yellow (48%)

Blue (48%)

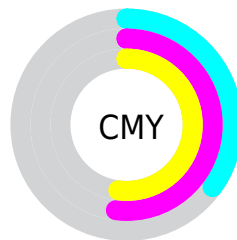


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (35%)



Cyan (35%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8115, 0.3676, 0.3292 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 23.8115, 0.3676, 0.3292 by changing the saturation by 10% instead.


 23.8115, 0.3676,
0.3292


 23.8115, 0.3676,
0.3292


271.8661, 0.3369,
0.3296

 15.1939, 0.3766,
0.3289


 49.7224, 0.3555,
0.3295

 8.9555, 0.3891,
0.3282


 67.7845, 0.3513,
0.3296

 4.7122, 0.4076,
0.3269

 89.7635, 0.3478,
0.3296

 2.0794, 0.4376,
0.3239

116.0438, 0.3449,
0.3296

 0.6530, 0.5411,
0.3353

147.0098, 0.3424,
0.3296

 0.0000, 0.0000,
0.0000

183.0459, 0.3403,

0.3296

224.5366, 0.3385,
0.3296

■ 23.8115, 0.3676,
0.3292

■ 23.8115, 0.3676,
0.3292

■ 19.6356, 0.3981,
0.3293

■ 28.7667, 0.3429,
0.3291

■ 16.1961, 0.4350,
0.3294

■ 34.5344, 0.3232,
0.3290

■ 13.4515, 0.4780,
0.3296


■ 41.1500, 0.3073,
0.3290


■ 11.3544, 0.5249,
0.3297


■ 48.6458, 0.2946,
0.3289


■ 9.8517, 0.5708,
0.3298


■ 57.0525, 0.2842,
0.3289

 8.8819, 0.6087,
0.3299

 66.3991, 0.2758,
0.3289

 8.3603, 0.6327,
0.3300

 76.7136, 0.2690,
0.3288

 8.2142, 0.6400,
0.3300

 86.9520, 0.2638,
0.3289

Harmonies

Analogous

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



23.8115, 0.3428, 0.3040



23.8115, 0.3676, 0.3292



23.8115, 0.3769, 0.3556

Triad

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



23.8115, 0.3676, 0.3292



23.8115, 0.3124, 0.3790



23.8115, 0.2595, 0.2804

Complementary

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



23.8115, 0.3676, 0.3292



34.6153, 0.2750, 0.3288

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.



23.8115, 0.2525, 0.2974



23.8115, 0.3676, 0.3292



23.8115, 0.2820, 0.3557

Square

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



23.8115, 0.3676, 0.3292



23.8115, 0.3439, 0.3865



23.8115, 0.2605, 0.3249



23.8115, 0.2802, 0.2764

Rectangle

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



23.8115, 0.3676, 0.3292



23.8115, 0.3728, 0.3709



23.8115, 0.2605, 0.3249



23.8115, 0.2555, 0.2846

Sweetspot

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



23.8126, 0.3676, 0.3292



59.8966, 0.3264, 0.3291



25.1650, 0.3157, 0.2650



13.0528, 0.3292, 0.3291



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.8126, 0.3676, 0.3292



37.8343, 0.3859, 0.3293



29.8867, 0.3593, 0.3625



7.5430, 0.3286, 0.3291



6.2885, 0.6400, 0.3300



0.1532, 0.6397, 0.3302

Inverse Universe

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



34.6153, 0.2750, 0.3288



60.7112, 0.2672, 0.3288



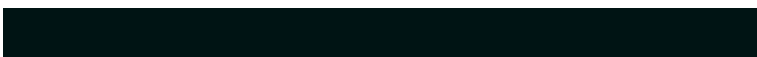
27.2441, 0.2717, 0.2930



8.5313, 0.2987, 0.3289



23.2554, 0.2246, 0.3286



0.5660, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 23.8115, 0.3676, 0.3292 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 23.8115, 0.3676, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

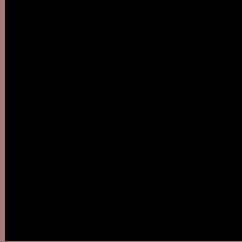
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8115, 0.3676, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 23.8115, 0.3676, 0.3292.



This preview shows how white text looks on a background with the Yxy color 23.8115, 0.3676, 0.3292.

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

23.8115, 0.3676, 0.3292

Protanopia

24.0384, 0.3226, 0.3376

Deuteranopia

23.7811, 0.3482, 0.3406



Tritanopia

23.8826, 0.3592, 0.3153

Trichromacy



Original Color

23.8115, 0.3676, 0.3292

Protanomaly

23.8871, 0.3385, 0.3340

Deuteranomaly

23.7520, 0.3550, 0.3372

Tritanomaly

23.8024, 0.3630, 0.3199

Monochromacy



Original Color

23.8115, 0.3676, 0.3292

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.0743, 0.3314, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8115, 0.3676, 0.3292 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(167, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(167, 123, 123)  
}
```

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(167, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 123, 123) }
```

Border

The CSS property to change the border of an element to Yxy 23.8115, 0.3676, 0.3292 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(167, 123, 123) }
```

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

```
.border{ border-color:rgb(167, 123, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 123, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(167, 123,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8115, 0.3676, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 123, 123) }
```

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

```
.background{ background-color: rgb(167,  
123, 123) }
```

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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