

Converting Colors

$Y_{xy}(23.5081, 0.3993, 0.3256)$

Have a look what the booklet for
Yxy(23.5081, 0.3993, 0.3256)
contains.

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Color

Yxy(23.6131, 0.3990, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	B77375
RGB	183, 115, 117
RGB Percent	72%, 45%, 46%
CMY	0.2825, 0.5489, 0.5412
CMYK	0.00, 0.37, 0.36, 0.28
HSL	358°, 32%, 58%
HSV	358°, 37%, 72%
XYZ	28.8653, 23.6131, 19.8657
YIQ	135.5600, 39.8860, 15.0380

Conversions

Conversions Part 2

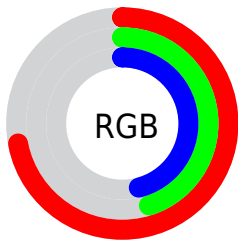
Format	Color
R_{YB}	183, 115, 117
Decimal	12022645
CIE _{Lab}	55.70, 27.04, 10.18
CIE _{LCh}	56, 28.894, 20.636
Yxy	23.6131, 0.3990, 0.3264
Android (android.graphics.Color)	4290212725 (0xFFB77375)
YUV	135.5600, -9.1501, 41.6049
Hunter-Lab	48.5933, 20.9938, 9.7767

Details

The Yxy color **23.6131, 0.3990, 0.3264** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.8380, 0.2628, 0.3318**, and the grayscale version is **24.4721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.5706, 0.3802, 0.3281**, and **8.9153, 0.4326, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **19.4675, 0.4357, 0.3258**, and if you desaturate by 10%, it is **28.6686, 0.3686, 0.3271**.

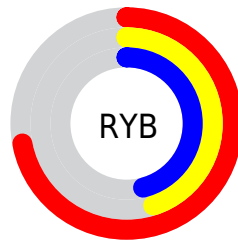
Distribution



Red (72%)

Green (45%)

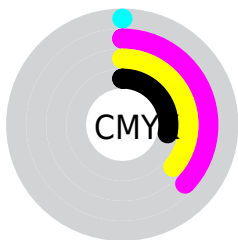
Blue (46%)



Red (72%)

Yellow (45%)

Blue (46%)

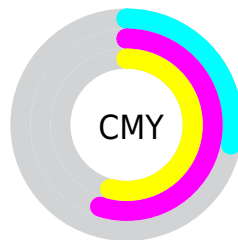


Cyan (0%)

Magenta (37%)

Yellow (36%)

Black (28%)



Cyan (28%)


Magenta (55%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.6131, 0.3990, 0.3264 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 23.6131, 0.3990, 0.3264 by changing the saturation by 10% instead.


 23.6131, 0.3990,
0.3264

 23.6131, 0.3990,
0.3264


270.8586, 0.3506,
0.3290


 15.0469, 0.4132,
0.3251


 49.3981, 0.3800,
0.3278


 8.8523, 0.4328,
0.3229


 67.3856, 0.3733,
0.3282

 4.6450, 0.4615,
0.3189

 89.2824, 0.3678,
0.3284

 2.0405, 0.5073,
0.3105

 115.4728, 0.3632,
0.3286

 0.6308, 0.6787,
0.3213

146.3412, 0.3593,
0.3288

 0.0000, 1.0000,
0.0000

182.2721, 0.3560,

 0.0000, 0.0000,

0.3289

0.0000

223.6497, 0.3531,
0.3290

■ 23.6131, 0.3990,
0.3264

■ 23.6131, 0.3990,
0.3264

■ 19.4675, 0.4357,
0.3258

■ 28.6686, 0.3686,
0.3271

■ 16.1745, 0.4785,
0.3254

■ 34.6797, 0.3441,
0.3278

■ 13.6759, 0.5250,
0.3255


■ 41.6936, 0.3244,
0.3285


■ 11.9047, 0.5705,
0.3260

■ 49.7530, 0.3085,
0.3292

■ 10.7829, 0.6082,
0.3271


■ 58.8982, 0.2958,
0.3298

 10.2005, 0.6320,
0.3283

 69.1675, 0.2856,
0.3303

 10.0757, 0.6370,
0.3283

 80.5972, 0.2772,
0.3308

 88.8040, 0.2716,
0.3289

Harmonies

Analogous

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



23.6131, 0.3583, 0.2893



23.6131, 0.3990, 0.3264



23.6131, 0.4141, 0.3665

Triad

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



23.6131, 0.3990, 0.3264



23.6131, 0.3121, 0.4112



23.6131, 0.2306, 0.2540

Complementary

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



23.6131, 0.3990, 0.3264



40.8380, 0.2628, 0.3318

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.



23.6131, 0.2208, 0.2791



23.6131, 0.3990, 0.3264



23.6131, 0.2653, 0.3731

Square

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



23.6131, 0.3990, 0.3264



23.6131, 0.3614, 0.4204



23.6131, 0.2327, 0.3223



23.6131, 0.2607, 0.2488

Rectangle

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



23.6131, 0.3990, 0.3264



23.6131, 0.4073, 0.3910



23.6131, 0.2327, 0.3223



23.6131, 0.2249, 0.2601

Sweetspot

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



23.6143, 0.3990, 0.3264



69.3950, 0.3318, 0.3282



25.4722, 0.3144, 0.2379



14.9516, 0.3344, 0.3282



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.



23.6143, 0.3990, 0.3264



35.8194, 0.4302, 0.3259



32.0862, 0.3848, 0.3741



9.0163, 0.3283, 0.3284



7.0330, 0.6363, 0.3279



0.2494, 0.6213, 0.3196

Inverse Universe

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



23.6143, 0.3990, 0.3264



35.8194, 0.4302, 0.3259



29.2814, 0.2544, 0.2788



9.0163, 0.3283, 0.3284



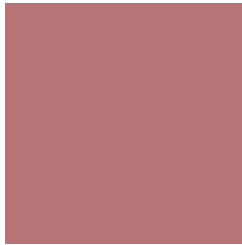
7.0330, 0.6363, 0.3279



0.2494, 0.6213, 0.3196

Previews

White Background



This preview shows how the Yxy color 23.6131, 0.3990, 0.3264 looks on a white background.

Color Contrast Check

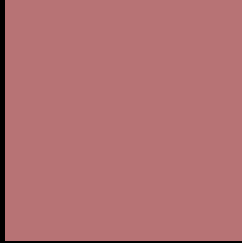
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6131, 0.3990, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

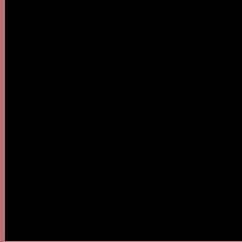
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.6131, 0.3990, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 23.6131, 0.3990, 0.3264.



This preview shows how white text looks on a background with the Yxy color 23.6131, 0.3990, 0.3264.

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

23.6131, 0.3990, 0.3264

Protanopia

23.7106, 0.3249, 0.3394

Deuteranopia

23.8083, 0.3590, 0.3521



Tritanopia

23.5320, 0.3914, 0.3163

Trichromacy



Original Color

23.6131, 0.3990, 0.3264

Protanomaly

23.2218, 0.3504, 0.3340

Deuteranomaly

23.6756, 0.3735, 0.3417

Tritanomaly

23.4824, 0.3941, 0.3192

Monochromacy



Original Color

23.6131, 0.3990, 0.3264

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.7956, 0.3415, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.6131, 0.3990, 0.3264 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, 115, 117)` looks like.

```
.text, #text, p{  
    color:rgb(183, 115, 117)  
}
```

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, 115, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 115, 117) }
```

Border

The CSS property to change the border of an element to Yxy 23.6131, 0.3990, 0.3264 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, 115, 117) }
```

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

```
.border{ border-color:rgb(183, 115, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 115, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 115, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 115, 117);  
box-shadow:4px 4px 4px 4px rgb(183, 115,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 23.6131, 0.3990, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 115, 117) }
```

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

```
.background{ background-color: rgb(183,  
115, 117) }
```

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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