

Converting Colors

$Y_{xy}(23.2617, 0.3865, 0.3105)$

Have a look what the booklet for
Yxy(23.2617, 0.3865, 0.3105)
contains.

Yxy(23.2617, 0.3865, 0.3105)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(23.2617, 0.3865, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	B6717E
RGB	182, 113, 126
RGB Percent	71%, 44%, 49%
CMY	0.2864, 0.5568, 0.5059
CMYK	0.00, 0.38, 0.31, 0.29
HSL	349°, 32%, 58%
HSV	349°, 38%, 71%
XYZ	28.9554, 23.2617, 22.6998
YIQ	135.1130, 36.9510, 18.6710

Conversions

Conversions Part 2

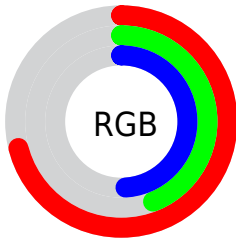
Format	Color
R_{YB}	182, 113, 126
Decimal	11956606
CIE _{Lab}	55.34, 28.93, 4.41
CIE _{LCh}	55, 29.265, 8.669
Yxy	23.2617, 0.3865, 0.3105
Android (android.graphics.Color)	4290146686 (0xFFB6717E)
YUV	135.1130, -4.4927, 41.1199
Hunter-Lab	48.2304, 22.7603, 5.8562

Details

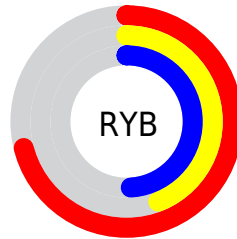
The Yxy color **23.2617, 0.3865, 0.3105** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.8173, 0.2690, 0.3489**, and the grayscale version is **24.2802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8778, 0.3694, 0.3147**, and **8.7146, 0.4153, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **19.2469, 0.4170, 0.3059**, and if you desaturate by 10%, it is **28.1491, 0.3612, 0.3155**.

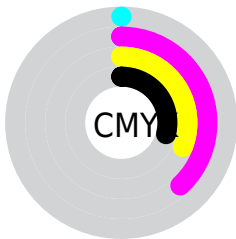
Distribution



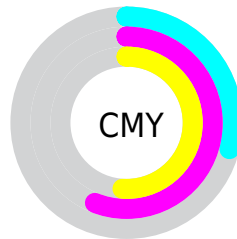
- Red (71%)
- Green (44%)
- Blue (49%)



- Red (71%)
- Yellow (44%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (31%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.2617, 0.3865, 0.3105 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 23.2617, 0.3865, 0.3105 by changing the saturation by 10% instead.


 23.2617, 0.3865,
0.3105

 23.2617, 0.3865,
0.3105


269.0663, 0.3452,
0.3213


 14.7869, 0.3986,
0.3071


 48.8227, 0.3702,
0.3149

 8.6699, 0.4154,
0.3023


 66.6776, 0.3645,
0.3164

 4.5265, 0.4401,
0.2948

 88.4280, 0.3598,
0.3176

 1.9722, 0.4800,
0.2821

 114.4583, 0.3559,
0.3186

 0.5913, 0.5919,
0.2604

145.1529, 0.3526,
0.3195

 0.0000, 1.0000,
0.0000

180.8962, 0.3498,

 0.0000, 0.0000,

0.3202

0.0000

222.0725, 0.3473,
0.3208

■ 23.2617, 0.3865,
0.3105

■ 23.2617, 0.3865,
0.3105

■ 19.2469, 0.4170,
0.3059

■ 28.1491, 0.3612,
0.3155

■ 16.0499, 0.4528,
0.3023

■ 33.9529, 0.3405,
0.3206

■ 13.6151, 0.4928,
0.3005


■ 40.7180, 0.3237,
0.3254


■ 11.8784, 0.5343,
0.3014


■ 48.4853, 0.3101,
0.3299


■ 10.7651, 0.5731,
0.3055

■ 57.2935, 0.2991,
0.3341


 10.1598, 0.6045,
0.3123

 67.1789, 0.2901,
0.3379

 10.0573, 0.6103,
0.3136

 78.1765, 0.2827,
0.3413

 88.0032, 0.2764,
0.3406

 88.6805, 0.2711,
0.3289

Harmonies

Analogous

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



23.2617, 0.3385, 0.2760



23.2617, 0.3865, 0.3105



23.2617, 0.4135, 0.3508

Triad

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



23.2617, 0.3865, 0.3105



23.2617, 0.3325, 0.4204



23.2617, 0.2227, 0.2604

Complementary

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



23.2617, 0.3865, 0.3105



39.8173, 0.2690, 0.3489

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.



23.2617, 0.2215, 0.2938



23.2617, 0.3865, 0.3105



23.2617, 0.2822, 0.3923

Square

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



23.2617, 0.3865, 0.3105



23.2617, 0.3797, 0.4171



23.2617, 0.2423, 0.3428



23.2617, 0.2453, 0.2473

Rectangle

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



23.2617, 0.3865, 0.3105



23.2617, 0.4147, 0.3774



23.2617, 0.2423, 0.3428



23.2617, 0.2198, 0.2693

Sweetspot

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



23.2628, 0.3865, 0.3105



69.6068, 0.3288, 0.3238



23.5361, 0.3016, 0.2325



15.0031, 0.3310, 0.3232



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.



23.2628, 0.3865, 0.3105



36.3293, 0.4101, 0.3068



28.1027, 0.3928, 0.3590



9.0391, 0.3259, 0.3247



7.1131, 0.6078, 0.3122



0.2591, 0.5399, 0.2748

Inverse Universe

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



23.2628, 0.3865, 0.3105



36.3293, 0.4101, 0.3068



32.4766, 0.2560, 0.2965



9.0391, 0.3259, 0.3247



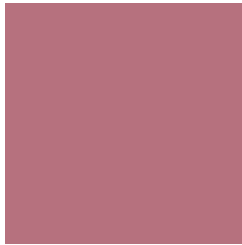
7.1131, 0.6078, 0.3122



0.2591, 0.5399, 0.2748

Previews

White Background



This preview shows how the Yxy color 23.2617, 0.3865, 0.3105 looks on a white background.

Color Contrast Check

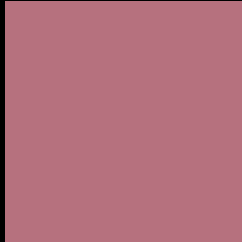
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2617, 0.3865, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

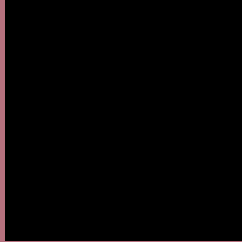
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.2617, 0.3865, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 23.2617, 0.3865, 0.3105.



This preview shows how white text looks on a background with the Yxy color 23.2617, 0.3865, 0.3105.

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

23.2617, 0.3865, 0.3105

Protanopia

23.3770, 0.3097, 0.3204

Deuteranopia

23.2580, 0.3437, 0.3374



Tritanopia

23.3849, 0.3915, 0.3177

Trichromacy



Original Color

23.2617, 0.3865, 0.3105

Protanomaly

22.9400, 0.3351, 0.3160

Deuteranomaly

23.1982, 0.3589, 0.3275

Tritanomaly

23.4098, 0.3902, 0.3162

Monochromacy



Original Color

23.2617, 0.3865, 0.3105

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.5201, 0.3371, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.2617, 0.3865, 0.3105 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(182, 113, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 113, 126)  
}
```

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(182, 113, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 113, 126) }
```

Border

The CSS property to change the border of an element to Yxy 23.2617, 0.3865, 0.3105 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(182, 113, 126) }
```

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

```
.border{ border-color:rgb(182, 113, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 113, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 113, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 113, 126);  
box-shadow:4px 4px 4px 4px rgb(182, 113,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 23.2617, 0.3865, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 113, 126) }
```

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

```
.background{ background-color: rgb(182,  
113, 126) }
```

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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