

Converting Colors

$Yxy(23.8414, 0.3293, 0.3091)$

Have a look what the booklet for
Yxy(23.8414, 0.3293, 0.3091)
contains.

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Color

Yxy(23.8445, 0.3290, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	997F8C
RGB	153, 127, 140
RGB Percent	60%, 50%, 55%
CMY	0.4002, 0.5019, 0.4510
CMYK	0.00, 0.17, 0.08, 0.40
HSL	330°, 11%, 55%
HSV	330°, 17%, 60%
XYZ	25.4537, 23.8445, 28.0687
YIQ	136.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

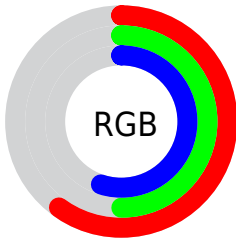
Format	Color
R_{YB}	153, 127, 140
Decimal	10059660
CIE _{Lab}	55.93, 12.23, -3.27
CIE _{LCh}	56, 12.664, 345.051
Yxy	23.8445, 0.3290, 0.3082
Android (android.graphics.Color)	4288249740 (0xFF997F8C)
YUV	136.2560, 1.8458, 14.6845
Hunter-Lab	48.8308, 7.5916, 0.1007

Details

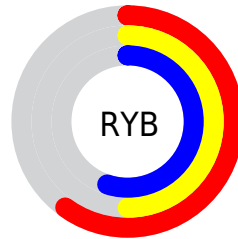
The Yxy color $23.8445, 0.3290, 0.3082$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $29.1761, 0.2990, 0.3508$, and the grayscale version is $24.7104, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.9475, 0.3255, 0.3123$, and $9.0117, 0.3356, 0.3010$ is the 20% darker color. If you saturate the color by 10%, you get $19.9714, 0.3412, 0.2952$, and if you desaturate by 10%, it is $28.3353, 0.3188, 0.3207$.

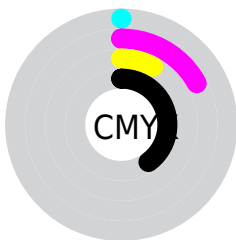
Distribution



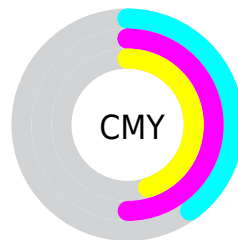
- Red (60%)
- Green (50%)
- Blue (55%)



- Red (60%)
- Yellow (50%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (40%)





- Cyan (40%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8445, 0.3290, 0.3082 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 23.8445, 0.3290, 0.3082 by changing the saturation by 10% instead.


 23.8445, 0.3290,
0.3082


 23.8445, 0.3290,
0.3082


272.0334, 0.3200,
0.3196


 15.2183, 0.3316,
0.3050


 49.7763, 0.3255,
0.3126

 8.9727, 0.3351,
0.3005


 67.8508, 0.3243,
0.3142

 4.7234, 0.3402,
0.2941

 89.8434, 0.3233,
0.3155

 2.0859, 0.3485,
0.2840

116.1386, 0.3224,
0.3166

 0.6567, 0.3664,
0.2600

147.1208, 0.3217,
0.3175

 0.0000, 0.0000,
0.0000

183.1744, 0.3211,

0.3183

224.6838, 0.3205,
0.3190

■ 23.8445, 0.3290,
0.3082

■ 23.8445, 0.3290,
0.3082

■ 19.9714, 0.3412,
0.2952

■ 28.3353, 0.3188,
0.3207

■ 16.6855, 0.3557,
0.2822

■ 33.4661, 0.3103,
0.3325

■ 13.9585, 0.3727,
0.2696

■ 39.2622, 0.3033,
0.3435

■ 11.7586, 0.3921,
0.2583

■ 45.7463, 0.2974,
0.3537

■ 10.0506, 0.4139,
0.2494

■ 52.9403, 0.2926,
0.3631

■ 8.7951, 0.4374,
0.2440

■ 60.8648, 0.2886,
0.3717

■ 7.9464, 0.4616,
0.2433

■ 69.5399, 0.2852,
0.3795

■ 7.4313, 0.4854,
0.2473

■ 78.9848, 0.2825,
0.3867

■ 7.2972, 0.4928,
0.2489

■ 82.8825, 0.2792,
0.3832

Harmonies

Analogous

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



23.8445, 0.3066, 0.2961



23.8445, 0.3290, 0.3082



23.8445, 0.3475, 0.3255

Triad

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



23.8445, 0.3290, 0.3082



23.8445, 0.3387, 0.3679



23.8445, 0.2710, 0.3112

Complementary

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



23.8445, 0.3290, 0.3082



29.1761, 0.2990, 0.3508

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.



23.8445, 0.2789, 0.3311



23.8445, 0.3290, 0.3082



23.8445, 0.3176, 0.3649

Square

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



23.8445, 0.3290, 0.3082



23.8445, 0.3531, 0.3600



23.8445, 0.2958, 0.3512



23.8445, 0.2737, 0.2972

Rectangle

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



23.8445, 0.3290, 0.3082



23.8445, 0.3547, 0.3381



23.8445, 0.2958, 0.3512



23.8445, 0.2725, 0.3174

Sweetspot

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



23.8456, 0.3290, 0.3082



52.3961, 0.3171, 0.3230



23.0196, 0.2995, 0.2863



11.4450, 0.3177, 0.3222



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



23.8456, 0.3290, 0.3082



40.2213, 0.3330, 0.3038



23.4964, 0.3436, 0.3284



6.2716, 0.3209, 0.3179



6.0412, 0.4912, 0.2480



0.0977, 0.4055, 0.2007

Inverse Universe

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



23.8456, 0.3290, 0.3082



40.2213, 0.3330, 0.3038



29.5674, 0.2882, 0.3296



6.2716, 0.3209, 0.3179



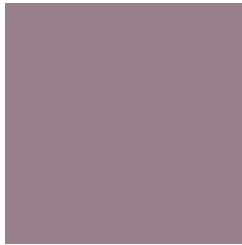
6.0412, 0.4912, 0.2480



0.0977, 0.4055, 0.2007

Previews

White Background



This preview shows how the Yxy color 23.8445, 0.3290, 0.3082 looks on a white background.

Color Contrast Check

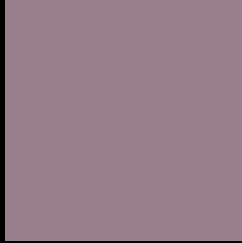
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8445, 0.3290, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

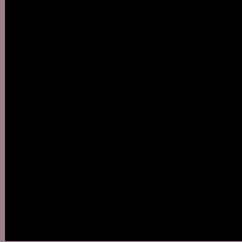
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8445, 0.3290, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 23.8445, 0.3290, 0.3082.



This preview shows how white text looks on a background with the Yxy color 23.8445, 0.3290, 0.3082.

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

23.8445, 0.3290, 0.3082

Protanopia

23.8570, 0.3025, 0.3103

Deuteranopia

23.8491, 0.3204, 0.3141



Tritanopia

23.7572, 0.3325, 0.3129

Trichromacy



Original Color

23.8445, 0.3290, 0.3082

Protanomaly

23.8785, 0.3114, 0.3090

Deuteranomaly

23.8605, 0.3240, 0.3127

Tritanomaly

23.7860, 0.3313, 0.3113

Monochromacy



Original Color

23.8445, 0.3290, 0.3082

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.3320, 0.3187, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8445, 0.3290, 0.3082 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(153, 127, 140)` looks like.

```
.text, #text, p{  
    color:rgb(153, 127, 140)  
}
```

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(153, 127, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 127, 140) }
```

Border

The CSS property to change the border of an element to Yxy 23.8445, 0.3290, 0.3082 is called "border". The border property can be set on classes, ids or directly on the HTML element.

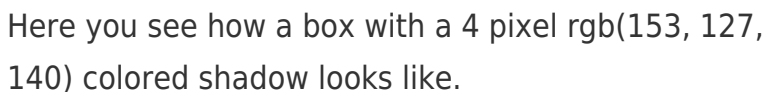
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 127, 140) }
```

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

```
.border{ border-color:rgb(153, 127, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 127, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 127, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 127, 140); box-shadow:4px 4px 4px 4px rgb(153, 127, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8445, 0.3290, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 127, 140) }
```

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

```
.background{ background-color: rgb(153,  
127, 140) }
```

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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