

Converting Colors

$Y_{xy}(23.9057, 0.3287, 0.2867)$

Have a look what the booklet for
Yxy(23.9057, 0.3287, 0.2867)
contains.

Yxy(23.8025, 0.3290, 0.2862)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.8025, 0.3290, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	A27A96
RGB	162, 122, 150
RGB Percent	64%, 48%, 59%
CMY	0.3648, 0.5215, 0.4118
CMYK	0.00, 0.25, 0.07, 0.36
HSL	318°, 18%, 56%
HSV	318°, 25%, 64%
XYZ	27.3621, 23.8025, 32.0028
YIQ	137.1520, 14.8520, 17.1880

Conversions

Conversions Part 2

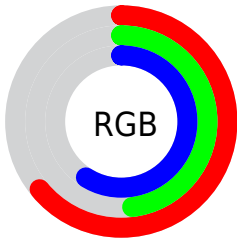
Format	Color
R _Y B	162, 122, 150
Decimal	10648214
CIE Lab	55.89, 20.28, -9.03
CIE LCh	56, 22.197, 336.000
Yxy	23.8025, 0.3290, 0.2862
Android (android.graphics.Color)	4288838294 (0xFFA27A96)
YUV	137.1520, 6.3341, 21.7917
Hunter-Lab	48.7878, 14.7310, -4.7403

Details

The Yxy color $23.8025, 0.3290, 0.2862$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $31.6955, 0.2996, 0.3760$, and the grayscale version is $25.0483, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.7713, 0.3256, 0.2955$, and $8.9809, 0.3353, 0.2721$ is the 20% darker color. If you saturate the color by 10%, you get $19.9979, 0.3375, 0.2683$, and if you desaturate by 10%, it is $28.2788, 0.3216, 0.3040$.

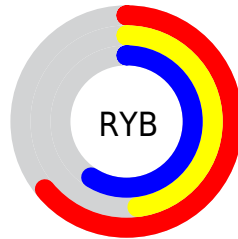
Distribution



Red (64%)

Green (48%)

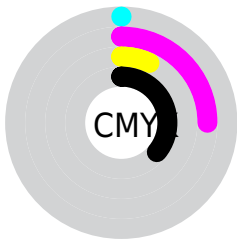
Blue (59%)



Red (64%)

Yellow (48%)

Blue (59%)

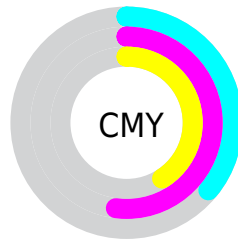


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (36%)



Cyan (36%)


Magenta (52%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8025, 0.3290, 0.2862 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 23.8025, 0.3290, 0.2862 by changing the saturation by 10% instead.


 23.8025, 0.3290,
0.2862


 23.8025, 0.3290,
0.2862


271.8205, 0.3203,
0.3092


 15.1872, 0.3314,
0.2798


 49.7077, 0.3257,
0.2950

 8.9509, 0.3345,
0.2713


 67.7664, 0.3245,
0.2982

 4.7091, 0.3390,
0.2592


 89.7417, 0.3235,
0.3008

 2.0776, 0.3457,
0.2407

116.0179, 0.3227,
0.3030

 0.6520, 0.3591,
0.2044

146.9795, 0.3219,
0.3049

 0.0000, 0.3153,
0.0000

183.0109, 0.3213,

 0.0000, 0.0000,

0.3066

0.0000

224.4964, 0.3208,
0.3080

■ 23.8025, 0.3290,
0.2862

■ 23.8025, 0.3290,
0.2862

■ 19.9979, 0.3375,
0.2683

■ 28.2788, 0.3216,
0.3040

■ 16.8288, 0.3472,
0.2510

■ 33.4543, 0.3153,
0.3212

■ 14.2607, 0.3579,
0.2351

■ 39.3586, 0.3100,
0.3376

■ 12.2543, 0.3696,
0.2216

■ 46.0191, 0.3055,
0.3530

■ 10.7655, 0.3819,
0.2115

■ 53.4613, 0.3017,
0.3672

■ 9.7438, 0.3945,
0.2058

■ 61.7098, 0.2985,
0.3804

■ 9.1274, 0.4069,
0.2047

■ 70.7880, 0.2959,
0.3925

■ 8.8809, 0.4135,
0.2052

■ 80.7185, 0.2937,
0.4035

■ 83.0829, 0.2914,
0.4010

Harmonies

Analogous

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



23.8025, 0.2900, 0.2696



23.8025, 0.3290, 0.2862



23.8025, 0.3654, 0.3128

Triad

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



23.8025, 0.3290, 0.2862



23.8025, 0.3668, 0.3947



23.8025, 0.2434, 0.3063

Complementary

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



23.8025, 0.3290, 0.2862



31.6955, 0.2996, 0.3760

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.



23.8025, 0.2614, 0.3433



23.8025, 0.3290, 0.2862



23.8025, 0.3320, 0.3974

Square

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



23.8025, 0.3290, 0.2862



23.8025, 0.3876, 0.3741



23.8025, 0.2935, 0.3783



23.8025, 0.2426, 0.2789

Rectangle

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



23.8025, 0.3290, 0.2862



23.8025, 0.3823, 0.3335



23.8025, 0.2935, 0.3783



23.8025, 0.2476, 0.3180

Sweetspot

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



23.8036, 0.3290, 0.2862



58.3175, 0.3168, 0.3171



21.5987, 0.2842, 0.2633



12.9775, 0.3171, 0.3161



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



23.8036, 0.3290, 0.2862



39.0060, 0.3339, 0.2756



23.2137, 0.3530, 0.3165



7.1658, 0.3181, 0.3134



7.0058, 0.4125, 0.2046



0.1549, 0.3727, 0.1827

Inverse Universe

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



23.8036, 0.3290, 0.2862



39.0060, 0.3339, 0.2756



32.3069, 0.2834, 0.3420



7.1658, 0.3181, 0.3134



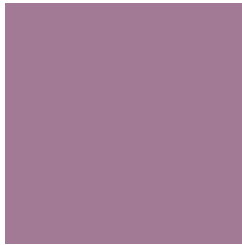
7.0058, 0.4125, 0.2046



0.1549, 0.3727, 0.1827

Previews

White Background



This preview shows how the Yxy color 23.8025, 0.3290, 0.2862 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 23.8025, 0.3290, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

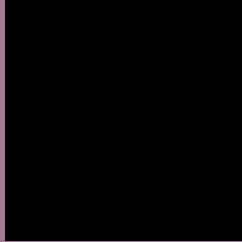
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8025, 0.3290, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 23.8025, 0.3290, 0.2862.



This preview shows how white text looks on a background with the Yxy color 23.8025, 0.3290, 0.2862.

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

23.8025, 0.3290, 0.2862

Protanopia

23.9552, 0.2856, 0.2889

Deuteranopia

24.0334, 0.3062, 0.3010



Tritanopia

23.8620, 0.3449, 0.3149

Trichromacy



Original Color

23.8025, 0.3290, 0.2862

Protanomaly

23.7844, 0.3012, 0.2884

Deuteranomaly

23.9978, 0.3143, 0.2953

Tritanomaly

23.8858, 0.3392, 0.3041

Monochromacy



Original Color

23.8025, 0.3290, 0.2862

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.5665, 0.3180, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8025, 0.3290, 0.2862 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(162, 122, 150)` looks like.

```
.text, #text, p{  
    color:rgb(162, 122, 150)  
}
```

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(162, 122, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 122, 150) }
```

Border

The CSS property to change the border of an element to Yxy 23.8025, 0.3290, 0.2862 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(162, 122, 150) }
```

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

```
.border{ border-color:rgb(162, 122, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 122, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 122, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 122, 150);  
box-shadow:4px 4px 4px 4px rgb(162, 122,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8025, 0.3290, 0.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 122, 150) }
```

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

```
.background{ background-color: rgb(162,  
122, 150) }
```

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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