

Converting Colors

$Y_{xy}(21.3213, 0.3263, 0.3023)$

Have a look what the booklet for
Yxy(21.3213, 0.3263, 0.3023)
contains.

Yxy(21.3215, 0.3263, 0.3023)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.3215, 0.3263, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	927888
RGB	146, 120, 136
RGB Percent	57%, 47%, 53%
CMY	0.4275, 0.5294, 0.4667
CMYK	0.00, 0.18, 0.07, 0.43
HSL	323°, 11%, 52%
HSV	323°, 18%, 57%
XYZ	23.0142, 21.3215, 26.1952
YIQ	129.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

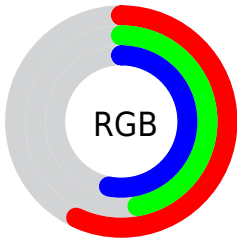
Format	Color
RYB	146, 120, 136
Decimal	9599112
CIELab	53.30, 12.94, -4.91
CIELCh	53, 13.837, 339.226
Yxy	21.3215, 0.3263, 0.3023
Android (android.graphics.Color)	4287789192 (0xFF927888)
YUV	129.5980, 3.1562, 14.3846
Hunter-Lab	46.1752, 8.1598, -1.3126

Details

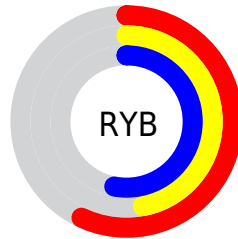
The Yxy color **21.3215, 0.3263, 0.3023** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1626, 0.3012, 0.3573**, and the grayscale version is **22.1603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4585, 0.3235, 0.3079**, and **7.6113, 0.3317, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **17.9187, 0.3359, 0.2866**, and if you desaturate by 10%, it is **25.2700, 0.3182, 0.3176**.

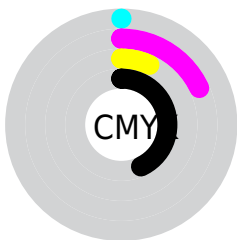
Distribution



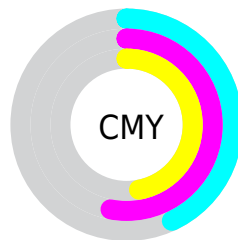
- Red (57%)
- Green (47%)
- Blue (53%)



- Red (57%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (43%)





- Cyan (43%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.3215, 0.3263, 0.3023 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 21.3215, 0.3263, 0.3023 by changing the saturation by 10% instead.


 21.3215, 0.3263,
0.3023


 21.3215, 0.3263,
0.3023


258.9822, 0.3188,
0.3171


 13.3592, 0.3285,
0.2980


 45.6220, 0.3234,
0.3081

 7.6764, 0.3315,
0.2921


 62.7290, 0.3223,
0.3101

 3.8886, 0.3359,
0.2834

 83.6530, 0.3215,
0.3118

 1.6114, 0.3431,
0.2694

108.7784, 0.3207,
0.3132

 0.3653, 0.3748,
0.2065

138.4897, 0.3201,
0.3144

 0.0000, 0.0000,
0.0000

173.1711, 0.3196,

0.3154

213.2071, 0.3192,
0.3163

■ 21.3215, 0.3263,
0.3023

■ 21.3215, 0.3263,
0.3023

■ 17.9187, 0.3359,
0.2866

■ 25.2700, 0.3182,
0.3176

■ 15.0345, 0.3470,
0.2708

■ 29.7842, 0.3113,
0.3321

■ 12.6437, 0.3599,
0.2557

■ 34.8865, 0.3056,
0.3458

■ 10.7178, 0.3743,
0.2421

■ 40.5971, 0.3008,
0.3584

■ 9.2254, 0.3901,
0.2311

■ 46.9355, 0.2968,
0.3701

8.1313, 0.4068,
0.2236

53.9202, 0.2935,
0.3809

7.3946, 0.4240,
0.2206

61.5688, 0.2907,
0.3908

6.9372, 0.4410,
0.2220

69.8984, 0.2884,
0.3998

6.8465, 0.4449,
0.2224

78.9255, 0.2865,
0.4081

Harmonies

Analogous

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



21.3215, 0.3008, 0.2902



21.3215, 0.3263, 0.3023



21.3215, 0.3488, 0.3209

Triad

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



21.3215, 0.3263, 0.3023



21.3215, 0.3460, 0.3723



21.3215, 0.2664, 0.3127

Complementary

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



21.3215, 0.3263, 0.3023



26.1626, 0.3012, 0.3573

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.



21.3215, 0.2775, 0.3360



21.3215, 0.3263, 0.3023



21.3215, 0.3231, 0.3717

Square

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



21.3215, 0.3263, 0.3023



21.3215, 0.3603, 0.3610



21.3215, 0.2980, 0.3581



21.3215, 0.2671, 0.2953

Rectangle

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



21.3215, 0.3263, 0.3023



21.3215, 0.3586, 0.3350



21.3215, 0.2980, 0.3581



21.3215, 0.2688, 0.3201

Sweetspot

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



21.3224, 0.3263, 0.3023



46.6328, 0.3162, 0.3216



20.2526, 0.2958, 0.2839



10.2671, 0.3166, 0.3207



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



21.3224, 0.3263, 0.3023



35.3334, 0.3296, 0.2966



20.9758, 0.3420, 0.3239



5.8718, 0.3192, 0.3155



6.0295, 0.4441, 0.2220



0.0796, 0.3780, 0.1856

Inverse Universe

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



21.3224, 0.3263, 0.3023



35.3334, 0.3296, 0.2966



26.5330, 0.2894, 0.3342



5.8718, 0.3192, 0.3155



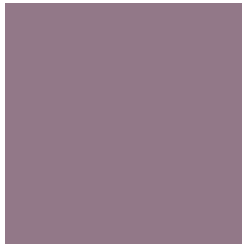
6.0295, 0.4441, 0.2220



0.0796, 0.3780, 0.1856

Previews

White Background



This preview shows how the Yxy color 21.3215, 0.3263, 0.3023 looks on a white background.

Color Contrast Check

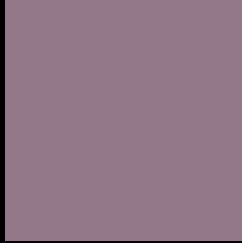
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3215, 0.3263, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

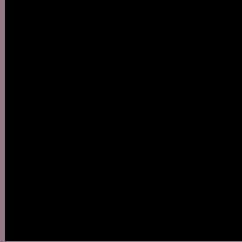
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.3215, 0.3263, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 21.3215, 0.3263, 0.3023.



This preview shows how white text looks on a background with the Yxy color 21.3215, 0.3263, 0.3023.

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

21.3215, 0.3263, 0.3023

Protanopia

21.5078, 0.2977, 0.3060

Deuteranopia

21.3988, 0.3148, 0.3100



Tritanopia

21.3062, 0.3320, 0.3138

Trichromacy



Original Color

21.3215, 0.3263, 0.3023

Protanomaly

21.2659, 0.3068, 0.3029

Deuteranomaly

21.4906, 0.3197, 0.3085

Tritanomaly

21.3604, 0.3297, 0.3105

Monochromacy



Original Color

21.3215, 0.3263, 0.3023

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.8219, 0.3180, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3215, 0.3263, 0.3023 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(146, 120, 136)` looks like.

```
.text, #text, p{  
    color:rgb(146, 120, 136)  
}
```

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(146, 120, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 120, 136) }
```

Border

The CSS property to change the border of an element to Yxy 21.3215, 0.3263, 0.3023 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(146, 120, 136) }
```

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

```
.border{ border-color:rgb(146, 120, 136) }
```

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

Here you see how a box with a 4 pixel rgb(146, 120, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 120, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 120, 136);  
box-shadow:4px 4px 4px 4px rgb(146, 120,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3215, 0.3263, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 120, 136) }
```

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

```
.background{ background-color: rgb(146,  
120, 136) }
```

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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