

Converting Colors

$Y_{xy}(22.6879, 0.3068, 0.3050)$

Have a look what the booklet for
Yxy(22.6879, 0.3068, 0.3050)
contains.

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Color

$Y_{xy}(22.6256, 0.3069, 0.3052)$

Conversions

Conversions Part 1

Format	Color
Hex	88808E
RGB	136, 128, 142
RGB Percent	53%, 50%, 56%
CMY	0.4668, 0.4980, 0.4432
CMYK	0.04, 0.10, 0.00, 0.44
HSL	274°, 6%, 53%
HSV	274°, 10%, 56%
XYZ	22.7516, 22.6256, 28.7565
YIQ	131.9880, 0.2740, 6.0500

Conversions

Conversions Part 2

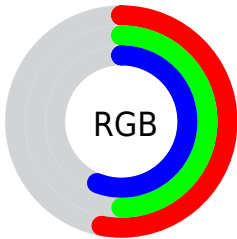
Format	Color
R_{YB}	136, 128, 142
Decimal	8945806
CIE _{Lab}	54.68, 5.78, -6.45
CIE _{LCh}	55, 8.658, 311.858
Yxy	22.6256, 0.3069, 0.3052
Android (android.graphics.Color)	4287135886 (0xFF88808E)
YUV	131.9880, 4.9359, 3.5185
Hunter-Lab	47.5664, 2.1378, -2.5476

Details

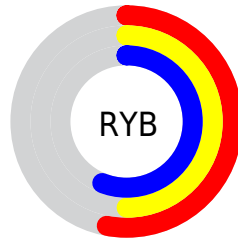
The Yxy color $22.6256, 0.3069, 0.3052$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.9737, 0.3181, 0.3530$, and the grayscale version is $23.0510, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.8521, 0.3077, 0.3102$, and $8.3431, 0.3038, 0.2959$ is the 20% darker color. If you saturate the color by 10%, you get $18.6804, 0.3000, 0.2793$, and if you desaturate by 10%, it is $27.1203, 0.3128, 0.3294$.

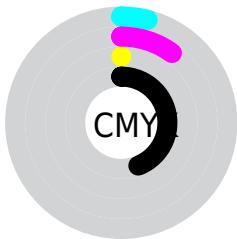
Distribution



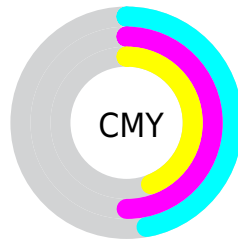
- Red (53%)
- Green (50%)
- Blue (56%)



- Red (53%)
- Yellow (50%)
- Blue (56%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (44%)



- Cyan (47%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.6256, 0.3069, 0.3052 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 22.6256, 0.3069, 0.3052 by changing the saturation by 10% instead.

■ 22.6256, 0.3069,
0.3052

■ 22.6256, 0.3069,
0.3052

265.7961, 0.3102,
0.3184

■ 14.3173, 0.3059,
0.3014

■ 47.7778, 0.3082,
0.3103

■ 8.3417, 0.3045,
0.2962

■ 65.3905, 0.3087,
0.3121

■ 4.3144, 0.3023,
0.2886

■ 86.8735, 0.3091,
0.3136

■ 1.8509, 0.2987,
0.2764

112.6112, 0.3094,
0.3149

■ 0.5186, 0.2923,
0.2391

142.9878, 0.3096,
0.3160

■ 0.0000, 0.0000,
0.0000

178.3880, 0.3099,

0.3169

219.1959, 0.3101,
0.3177

■ 22.6256, 0.3069,
0.3052

■ 22.6256, 0.3069,
0.3052

■ 18.6804, 0.3000,
0.2793

■ 27.1203, 0.3128,
0.3294

■ 15.2600, 0.2920,
0.2521

■ 32.1823, 0.3178,
0.3516

■ 12.3418, 0.2830,
0.2241

■ 37.8320, 0.3219,
0.3718

■ 9.9008, 0.2730,
0.1963

■ 44.0881, 0.3254,
0.3901

■ 7.9094, 0.2622,
0.1697

■ 50.9683, 0.3282,
0.4065

■ 6.3374, 0.2510,
0.1457

■ 58.4897, 0.3305,
0.4213

■ 5.1504, 0.2398,
0.1254

■ 66.6686, 0.3324,
0.4345

■ 4.3087, 0.2289,
0.1098

■ 75.5209, 0.3339,
0.4463

■ 3.7059, 0.2187,
0.0979

■ 84.5460, 0.3352,
0.4563

Harmonies

Analogous

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



22.6256, 0.2932, 0.3031



22.6256, 0.3069, 0.3052



22.6256, 0.3225, 0.3133

Triad

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



22.6256, 0.3069, 0.3052



22.6256, 0.3414, 0.3498



22.6256, 0.2901, 0.3322

Complementary

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



22.6256, 0.3069, 0.3052



25.9737, 0.3181, 0.3530

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.



22.6256, 0.3026, 0.3456



22.6256, 0.3069, 0.3052



22.6256, 0.3322, 0.3557

Square

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



22.6256, 0.3069, 0.3052



22.6256, 0.3427, 0.3386



22.6256, 0.3180, 0.3543



22.6256, 0.2837, 0.3182

Rectangle

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



22.6256, 0.3069, 0.3052



22.6256, 0.3319, 0.3210



22.6256, 0.3180, 0.3543



22.6256, 0.2937, 0.3369

Sweetspot

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



22.6266, 0.3069, 0.3052



45.1729, 0.3110, 0.3218



23.6127, 0.2980, 0.3152



9.9544, 0.3106, 0.3200



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.6266, 0.3069, 0.3052



38.1449, 0.3053, 0.2991



23.1166, 0.3148, 0.3072



5.3970, 0.3073, 0.3069



3.3307, 0.2189, 0.0980



0.0449, 0.2646, 0.1231

Inverse Universe

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



22.9138, 0.3226, 0.3189



38.7719, 0.3253, 0.3163



25.5178, 0.3107, 0.3518



5.4602, 0.3219, 0.3196



5.4705, 0.5193, 0.2634



0.0566, 0.4217, 0.2097

Previews

White Background



This preview shows how the Yxy color 22.6256, 0.3069, 0.3052 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 22.6256, 0.3069, 0.3052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

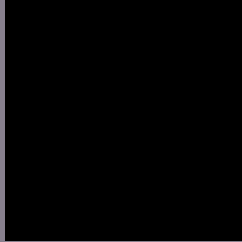
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

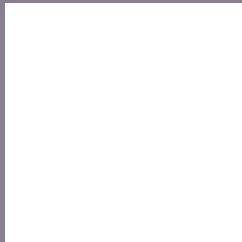
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.6256, 0.3069, 0.3052

Background



This preview shows how black text looks on a background with the Yxy color 22.6256, 0.3069, 0.3052.

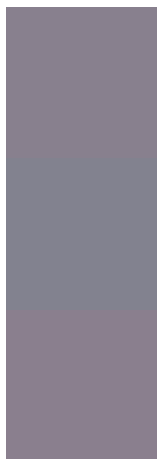


This preview shows how white text looks on a background with the Yxy color 22.6256, 0.3069, 0.3052.

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

22.6256, 0.3069, 0.3052

Protanopia

22.6943, 0.2991, 0.3065

Deuteranopia

22.5350, 0.3093, 0.3036



Tritanopia

22.7155, 0.3089, 0.3118

Trichromacy



Original Color

22.6256, 0.3069, 0.3052

Protanomaly

22.5892, 0.3013, 0.3049

Deuteranomaly

22.4501, 0.3081, 0.3035

Tritanomaly

22.7449, 0.3079, 0.3102

Monochromacy



Original Color

22.6256, 0.3069, 0.3052

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.9967, 0.3097, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6256, 0.3069, 0.3052 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(136, 128, 142)` looks like.

```
.text, #text, p{  
    color:rgb(136, 128, 142)  
}
```

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(136, 128, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 128, 142) }
```

Border

The CSS property to change the border of an element to Yxy 22.6256, 0.3069, 0.3052 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(136, 128, 142) }
```

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

```
.border{ border-color:rgb(136, 128, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 128, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 128, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 128, 142);  
box-shadow:4px 4px 4px 4px rgb(136, 128,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6256, 0.3069, 0.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 128, 142) }
```

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

```
.background{ background-color: rgb(136,  
128, 142) }
```

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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