

Converting Colors

$Y_{xy}(21.6992, 0.3142, 0.3059)$

Have a look what the booklet for
Yxy(21.6992, 0.3142, 0.3059)
contains.

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Color

Yxy(21.6536, 0.3138, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	8A7C8A
RGB	138, 124, 138
RGB Percent	54%, 49%, 54%
CMY	0.4590, 0.5137, 0.4589
CMYK	0.00, 0.10, 0.00, 0.46
HSL	300°, 6%, 51%
HSV	300°, 10%, 54%
XYZ	22.2711, 21.6536, 27.0475
YIQ	129.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

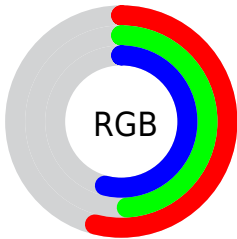
Format	Color
R_{YB}	138, 124, 138
Decimal	9075850
CIE Lab	53.66, 8.00, -5.63
CIE LCh	54, 9.782, 324.897
Yxy	21.6536, 0.3138, 0.3051
Android (android.graphics.Color)	4287265930 (0xFF8A7C8A)
YUV	129.7820, 4.0515, 7.2072
Hunter-Lab	46.5334, 3.9972, -1.8888

Details

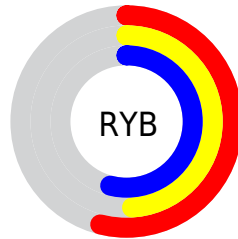
The Yxy color **21.6536, 0.3138, 0.3051** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.9193, 0.3116, 0.3541**, and the grayscale version is **22.2255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2822, 0.3135, 0.3113**, and **7.8114, 0.3143, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **18.4312, 0.3149, 0.2810**, and if you desaturate by 10%, it is **25.3619, 0.3127, 0.3287**.

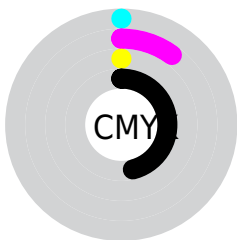
Distribution



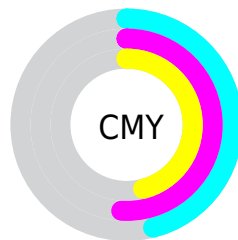
- Red (54%)
- Green (49%)
- Blue (54%)



- Red (54%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (46%)




- Cyan (46%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6536, 0.3138, 0.3051 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 21.6536, 0.3138, 0.3051 by changing the saturation by 10% instead.


 21.6536, 0.3138,
0.3051


 21.6536, 0.3138,
0.3051


260.7319, 0.3133,
0.3184


 13.6026, 0.3139,
0.3013


 46.1728, 0.3136,
0.3103

 7.8448, 0.3140,
0.2959


 63.4098, 0.3136,
0.3121

 3.9958, 0.3142,
0.2881

 84.4776, 0.3135,
0.3136

 1.6712, 0.3142,
0.2755

109.7605, 0.3134,
0.3149

 0.4049, 0.3189,
0.2226

139.6430, 0.3134,
0.3160

 0.0000, 0.0000,
0.0000

174.5095, 0.3134,

0.3169

214.7443, 0.3133,
0.3177

■ 21.6536, 0.3138,
0.3051

■ 21.6536, 0.3138,
0.3051

■ 18.4312, 0.3149,
0.2810

■ 25.3619, 0.3127,
0.3287

■ 15.6720, 0.3160,
0.2569

■ 29.5722, 0.3117,
0.3513

■ 13.3554, 0.3170,
0.2338

■ 34.3031, 0.3107,
0.3726

■ 11.4584, 0.3179,
0.2123

■ 39.5717, 0.3098,
0.3924

■ 9.9560, 0.3188,
0.1935

■ 45.3942, 0.3090,
0.4106

■ 8.8203, 0.3194,
0.1780

■ 51.7859, 0.3082,
0.4272

■ 8.0197, 0.3199,
0.1663

■ 58.7619, 0.3075,
0.4423

■ 7.5178, 0.3202,
0.1587

■ 66.3364, 0.3069,
0.4560

■ 7.2111, 0.3204,
0.1539

■ 74.5234, 0.3063,
0.4683

Harmonies

Analogous

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



21.6536, 0.2966, 0.2995



21.6536, 0.3138, 0.3051



21.6536, 0.3312, 0.3166

Triad

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



21.6536, 0.3138, 0.3051



21.6536, 0.3420, 0.3567



21.6536, 0.2826, 0.3254

Complementary

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



21.6536, 0.3138, 0.3051



23.9193, 0.3116, 0.3541

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.



21.6536, 0.2942, 0.3417



21.6536, 0.3138, 0.3051



21.6536, 0.3284, 0.3601

Square

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



21.6536, 0.3138, 0.3051



21.6536, 0.3477, 0.3460



21.6536, 0.3109, 0.3547



21.6536, 0.2790, 0.3106

Rectangle

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



21.6536, 0.3138, 0.3051



21.6536, 0.3403, 0.3263



21.6536, 0.3109, 0.3547



21.6536, 0.2857, 0.3309

Sweetspot

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



21.6545, 0.3138, 0.3051



42.7001, 0.3130, 0.3219



20.5994, 0.2975, 0.3043



9.4659, 0.3131, 0.3201



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



21.6545, 0.3138, 0.3051



36.8940, 0.3140, 0.3000



21.4676, 0.3215, 0.3165



5.1284, 0.3137, 0.3074



6.6124, 0.3204, 0.1539



0.0440, 0.3207, 0.1540

Inverse Universe

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



21.2789, 0.3298, 0.3290



36.1040, 0.3339, 0.3290



24.0939, 0.3048, 0.3418



5.0488, 0.3280, 0.3290



4.9547, 0.6397, 0.3298



0.0329, 0.6380, 0.3288

Previews

White Background



This preview shows how the Yxy color 21.6536, 0.3138, 0.3051 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 21.6536, 0.3138, 0.3051 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

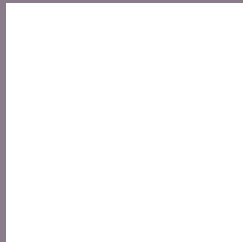
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.6536, 0.3138, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 21.6536, 0.3138, 0.3051.



This preview shows how white text looks on a background with the Yxy color 21.6536, 0.3138, 0.3051.

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

21.6536, 0.3138, 0.3051

Protanopia

21.5842, 0.2988, 0.3060

Deuteranopia

21.7364, 0.3114, 0.3066



Tritanopia

21.7068, 0.3170, 0.3135

Trichromacy



Original Color

21.6536, 0.3138, 0.3051

Protanomaly

21.6111, 0.3044, 0.3063

Deuteranomaly

21.8206, 0.3126, 0.3067

Tritanomaly

21.7349, 0.3159, 0.3118

Monochromacy



Original Color

21.6536, 0.3138, 0.3051

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.1183, 0.3131, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6536, 0.3138, 0.3051 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(138, 124, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 124, 138)  
}
```

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(138, 124, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 124, 138) }
```

Border

The CSS property to change the border of an element to Yxy 21.6536, 0.3138, 0.3051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

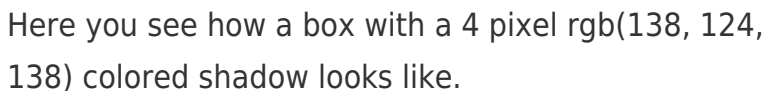
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 124, 138) }
```

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

```
.border{ border-color:rgb(138, 124, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 124, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 124, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 124, 138); box-shadow:4px 4px 4px 4px rgb(138, 124, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6536, 0.3138, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 124, 138) }
```

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

```
.background{ background-color: rgb(138,  
124, 138) }
```

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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