

Converting Colors

$Yxy(21.9345, 0.3313, 0.3351)$

Have a look what the booklet for
Yxy(21.9345, 0.3313, 0.3351)
contains.

Yxy(21.8407, 0.3319, 0.3343)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.8407, 0.3319, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	8B7E7B
RGB	139, 126, 123
RGB Percent	55%, 49%, 48%
CMY	0.4549, 0.5059, 0.5177
CMYK	0.00, 0.09, 0.12, 0.45
HSL	11°, 6%, 51%
HSV	11°, 12%, 55%
XYZ	21.6839, 21.8407, 21.8080
YIQ	129.5450, 8.7110, 1.8230

Conversions

Conversions Part 2

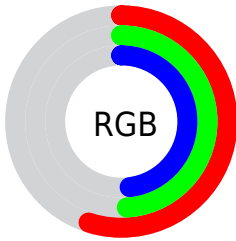
Format	Color
RYB	139, 127, 123
Decimal	9141883
CIELab	53.86, 4.41, 3.43
CIElCh	54, 5.583, 37.868
Yxy	21.8407, 0.3319, 0.3343
Android (android.graphics.Color)	4287331963 (0xFF8B7E7B)
YUV	129.5450, -3.2267, 8.2920
Hunter-Lab	46.7340, 1.0368, 5.0467

Details

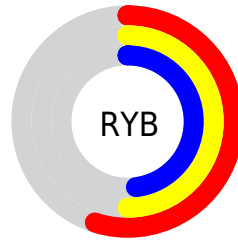
The Yxy color **21.8407, 0.3319, 0.3343** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.6820, 0.2956, 0.3236**, and the grayscale version is **22.1641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6728, 0.3283, 0.3342**, and **7.9260, 0.3405, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **18.7922, 0.3522, 0.3392**, and if you desaturate by 10%, it is **25.2663, 0.3150, 0.3297**.

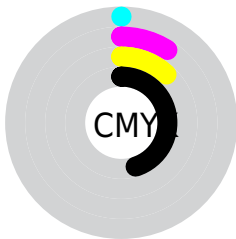
Distribution



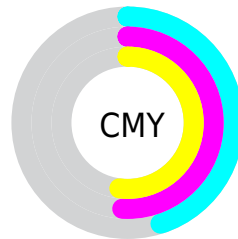
- Red (55%)
- Green (49%)
- Blue (48%)



- Red (55%)
- Yellow (50%)
- Blue (48%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.8407, 0.3319, 0.3343 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 21.8407, 0.3319, 0.3343 by changing the saturation by 10% instead.

■ 21.8407, 0.3319,
0.3343

■ 21.8407, 0.3319,
0.3343

261.7132, 0.3211,
0.3314

■ 13.7399, 0.3351,
0.3351

■ 46.4826, 0.3276,
0.3332

■ 7.9400, 0.3397,
0.3363

■ 63.7924, 0.3261,
0.3328

■ 4.0566, 0.3465,
0.3379

■ 84.9407, 0.3249,
0.3324

■ 1.7053, 0.3580,
0.3405

110.3119, 0.3239,
0.3322

■ 0.4271, 0.4404,
0.3663

140.2904, 0.3230,
0.3319

■ 0.0000, 0.0000,
0.0000

175.2605, 0.3223,

0.3317

215.6066, 0.3216,
0.3316

■ 21.8407, 0.3319,
0.3343

■ 21.8407, 0.3319,
0.3343

■ 18.7922, 0.3522,
0.3392

■ 25.2663, 0.3150,
0.3297

■ 16.1051, 0.3766,
0.3443

■ 29.0783, 0.3010,
0.3254

■ 13.7667, 0.4056,
0.3493

■ 33.2894, 0.2893,
0.3215

■ 11.7626, 0.4394,
0.3539

■ 37.9107, 0.2796,
0.3179

■ 10.0774, 0.4774,
0.3573

■ 42.9529, 0.2714,
0.3147

■ 8.6944, 0.5180,
0.3588

■ 48.4265, 0.2644,
0.3118

■ 7.5952, 0.5577,
0.3575

■ 54.3412, 0.2585,
0.3091

■ 6.7596, 0.5921,
0.3531

■ 60.7069, 0.2534,
0.3067

■ 6.2346, 0.6165,
0.3487

■ 67.5328, 0.2491,
0.3045

Harmonies

Analogous

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



21.8407, 0.3268, 0.3255



21.8407, 0.3319, 0.3343



21.8407, 0.3318, 0.3419

Triad

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



21.8407, 0.3319, 0.3343



21.8407, 0.3074, 0.3407



21.8407, 0.2990, 0.3122

Complementary

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



21.8407, 0.3319, 0.3343



23.6820, 0.2956, 0.3236

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.



21.8407, 0.2940, 0.3159



21.8407, 0.3319, 0.3343



21.8407, 0.2988, 0.3324

Square

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



21.8407, 0.3319, 0.3343



21.8407, 0.3176, 0.3458



21.8407, 0.2939, 0.3232



21.8407, 0.3077, 0.3129

Rectangle

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



21.8407, 0.3319, 0.3343



21.8407, 0.3288, 0.3452



21.8407, 0.2939, 0.3232



21.8407, 0.2968, 0.3129

Sweetspot

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



21.8417, 0.3319, 0.3343



44.2515, 0.3174, 0.3304



21.4327, 0.3173, 0.3066



10.0863, 0.3186, 0.3307



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.



21.8417, 0.3319, 0.3343



37.5245, 0.3372, 0.3356



23.9521, 0.3303, 0.3479



5.1910, 0.3276, 0.3332



5.6464, 0.6158, 0.3492



0.0537, 0.5523, 0.3997

Inverse Universe

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



23.6820, 0.2956, 0.3236



41.5388, 0.2915, 0.3223



21.5292, 0.2954, 0.3094



5.5315, 0.2991, 0.3248



12.3377, 0.2082, 0.2694



0.1011, 0.2169, 0.3007

Previews

White Background



This preview shows how the Yxy color 21.8407, 0.3319, 0.3343 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 21.8407, 0.3319, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

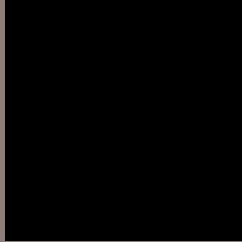
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.8407, 0.3319, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 21.8407, 0.3319, 0.3343.



This preview shows how white text looks on a background with the Yxy color 21.8407, 0.3319, 0.3343.

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

21.8407, 0.3319, 0.3343

Protanopia

21.7991, 0.3219, 0.3362

Deuteranopia

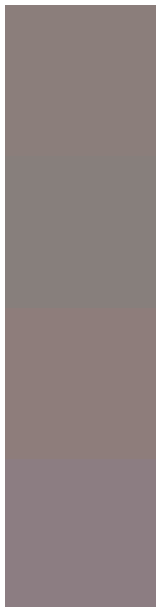
21.6850, 0.3373, 0.3308



Tritanopia

21.7993, 0.3220, 0.3120

Trichromacy



Original Color

21.8407, 0.3319, 0.3343

Protanomaly

21.7849, 0.3257, 0.3343

Deuteranomaly

21.8481, 0.3358, 0.3325

Tritanomaly

21.8544, 0.3252, 0.3204

Monochromacy



Original Color

21.8407, 0.3319, 0.3343

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.2194, 0.3196, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8407, 0.3319, 0.3343 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(139, 126, 123)` looks like.

```
.text, #text, p{  
    color:rgb(139, 126, 123)  
}
```

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(139, 126, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 126, 123) }
```

Border

The CSS property to change the border of an element to Yxy 21.8407, 0.3319, 0.3343 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(139, 126, 123) }
```

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

```
.border{ border-color:rgb(139, 126, 123) }
```

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

Here you see how a box with a 4 pixel rgb(139, 126, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 126, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 126, 123);  
box-shadow:4px 4px 4px 4px rgb(139, 126,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8407, 0.3319, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 126, 123) }
```

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

```
.background{ background-color: rgb(139,  
126, 123) }
```

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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