

Converting Colors

$Yxy(23.8342, 0.3331, 0.3394)$

Have a look what the booklet for
Yxy(23.8342, 0.3331, 0.3394)
contains.

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Color

Yxy(23.9382, 0.3332, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	90847E
RGB	144, 132, 126
RGB Percent	56%, 52%, 49%
CMY	0.4354, 0.4823, 0.5059
CMYK	0.00, 0.08, 0.12, 0.44
HSL	20°, 7%, 53%
HSV	20°, 12%, 56%
XYZ	23.5148, 23.9382, 23.1196
YIQ	134.9040, 9.0780, 0.6780

Conversions

Conversions Part 2

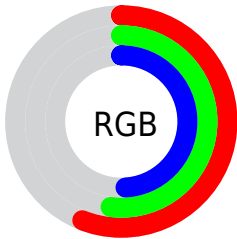
Format	Color
RYB	144, 135, 126
Decimal	9471102
CIELab	56.03, 3.43, 4.87
CIElCh	56, 5.952, 54.826
Yxy	23.9382, 0.3332, 0.3392
Android (android.graphics.Color)	4287661182 (0xFF90847E)
YUV	134.9040, -4.3897, 7.9772
Hunter-Lab	48.9267, 0.1676, 6.2321

Details

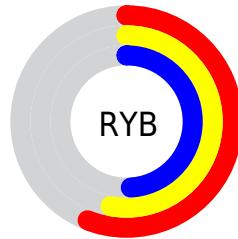
The Yxy color $23.9382, 0.3332, 0.3392$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.6128, 0.2941, 0.3186$, and the grayscale version is $24.2044, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.9584, 0.3286, 0.3365$, and $9.1020, 0.3421, 0.3441$ is the 20% darker color. If you saturate the color by 10%, you get $21.1138, 0.3528, 0.3479$, and if you desaturate by 10%, it is $27.0568, 0.3165, 0.3310$.

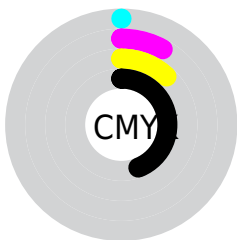
Distribution



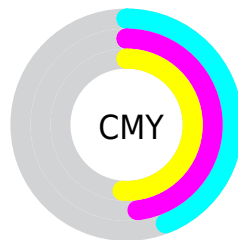
- Red (56%)
- Green (52%)
- Blue (49%)



- Red (56%)
- Yellow (53%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (44%)




- Cyan (44%)
- Magenta (48%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9382, 0.3332, 0.3392 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 23.9382, 0.3332, 0.3392 by changing the saturation by 10% instead.


 23.9382, 0.3332,
0.3392


 23.9382, 0.3332,
0.3392


272.5079, 0.3218,
0.3336


 15.2878, 0.3365,
0.3408


 49.9293, 0.3287,
0.3370

 9.0216, 0.3412,
0.3430


 68.0388, 0.3271,
0.3363

 4.7553, 0.3480,
0.3461


 90.0702, 0.3259,
0.3356

 2.1044, 0.3591,
0.3510

116.4077, 0.3248,
0.3351

 0.6671, 0.4053,
0.3767

147.4359, 0.3239,
0.3346

 0.0000, 0.0000,
0.0000

183.5390, 0.3231,

0.3343

225.1016, 0.3224,
0.3339

■ 23.9382, 0.3332,
0.3392

■ 23.9382, 0.3332,
0.3392

■ 21.1138, 0.3528,
0.3479

■ 27.0568, 0.3165,
0.3310

■ 18.5717, 0.3757,
0.3569

■ 30.4748, 0.3022,
0.3233

■ 16.3039, 0.4022,
0.3657

■ 34.2011, 0.2901,
0.3162

■ 14.3008, 0.4321,
0.3738

■ 38.2433, 0.2798,
0.3097

■ 12.5522, 0.4649,
0.3804

■ 42.6088, 0.2709,
0.3038

■ 11.0472, 0.4993,
0.3842

■ 47.3047, 0.2633,
0.2984

■ 9.7739, 0.5331,
0.3842

■ 52.3379, 0.2567,
0.2935

■ 8.7192, 0.5633,
0.3796

■ 57.7152, 0.2510,
0.2890

■ 8.0553, 0.5840,
0.3745

■ 63.4059, 0.2462,
0.2856

Harmonies

Analogous

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



23.9382, 0.3309, 0.3305



23.9382, 0.3332, 0.3392



23.9382, 0.3299, 0.3453

Triad

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



23.9382, 0.3332, 0.3392



23.9382, 0.3019, 0.3365



23.9382, 0.3032, 0.3114

Complementary

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



23.9382, 0.3332, 0.3392



24.6128, 0.2941, 0.3186

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.



23.9382, 0.2957, 0.3127



23.9382, 0.3332, 0.3392



23.9382, 0.2949, 0.3271

Square

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



23.9382, 0.3332, 0.3392



23.9382, 0.3118, 0.3439



23.9382, 0.2927, 0.3183



23.9382, 0.3134, 0.3147

Rectangle

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



23.9382, 0.3332, 0.3392



23.9382, 0.3251, 0.3471



23.9382, 0.2927, 0.3183



23.9382, 0.3003, 0.3113

Sweetspot

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



23.9393, 0.3332, 0.3392



46.8281, 0.3190, 0.3322



22.6828, 0.3208, 0.3090



10.6485, 0.3201, 0.3328



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.



23.9393, 0.3332, 0.3392



40.7818, 0.3384, 0.3416



26.4754, 0.3313, 0.3539



5.7007, 0.3274, 0.3364



7.0576, 0.5830, 0.3753



0.1049, 0.5100, 0.4332

Inverse Universe

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



24.6128, 0.2941, 0.3186



42.2113, 0.2898, 0.3160



22.1476, 0.2937, 0.3028



5.8164, 0.2990, 0.3215



9.0525, 0.1941, 0.2187



0.1273, 0.2096, 0.2745

Previews

White Background



This preview shows how the Yxy color 23.9382, 0.3332, 0.3392 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 23.9382, 0.3332, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

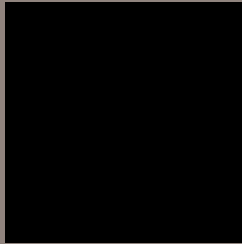
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9382, 0.3332, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 23.9382, 0.3332, 0.3392.



This preview shows how white text looks on a background with the Yxy color 23.9382, 0.3332, 0.3392.

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

23.9382, 0.3332, 0.3392

Protanopia

23.9858, 0.3247, 0.3411

Deuteranopia

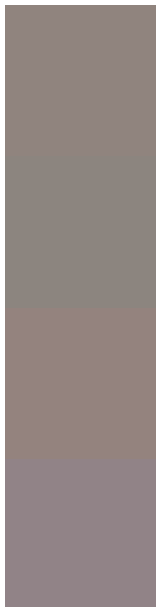
23.9557, 0.3409, 0.3357



Tritanopia

23.9697, 0.3204, 0.3126

Trichromacy



Original Color

23.9382, 0.3332, 0.3392

Protanomaly

23.8828, 0.3272, 0.3393

Deuteranomaly

24.0349, 0.3382, 0.3374

Tritanomaly

24.0016, 0.3246, 0.3224

Monochromacy



Original Color

23.9382, 0.3332, 0.3392

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.1194, 0.3194, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9382, 0.3332, 0.3392 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(144, 132, 126)` looks like.

```
.text, #text, p{  
    color:rgb(144, 132, 126)  
}
```

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(144, 132, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 132, 126) }
```

Border

The CSS property to change the border of an element to Yxy 23.9382, 0.3332, 0.3392 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(144, 132, 126) }
```

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

```
.border{ border-color:rgb(144, 132, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 132, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 132, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 132, 126);  
box-shadow:4px 4px 4px 4px rgb(144, 132,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9382, 0.3332, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 132, 126) }
```

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

```
.background{ background-color: rgb(144,  
132, 126) }
```

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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