

Converting Colors

$Y_{xy}(24.2036, 0.3425, 0.3458)$

Have a look what the booklet for
Yxy(24.2036, 0.3425, 0.3458)
contains.

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Color

Yxy(24.2036, 0.3425, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	94847A
RGB	148, 132, 122
RGB Percent	58%, 52%, 48%
CMY	0.4197, 0.4823, 0.5216
CMYK	0.00, 0.11, 0.18, 0.42
HSL	23°, 11%, 53%
HSV	23°, 18%, 58%
XYZ	23.9726, 24.2036, 21.8168
YIQ	135.6440, 12.7460, 0.2820

Conversions

Conversions Part 2

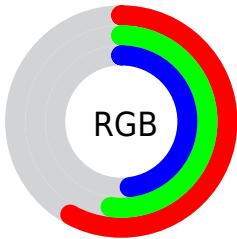
Format	Color
R_{YB}	148, 138, 122
Decimal	9733242
CIE Lab	56.29, 4.31, 7.61
CIE LCh	56, 8.743, 60.466
Yxy	24.2036, 0.3425, 0.3458
Android (android.graphics.Color)	4287923322 (0xFF94847A)
YUV	135.6440, -6.7265, 10.8362
Hunter-Lab	49.1972, 0.8839, 8.1454

Details

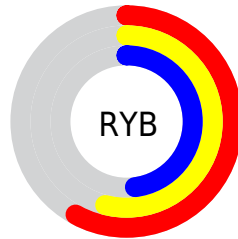
The Yxy color $24.2036, 0.3425, 0.3458$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.4362, 0.2862, 0.3116$, and the grayscale version is $24.5018, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3105, 0.3361, 0.3427$, and $9.2089, 0.3544, 0.3538$ is the 20% darker color. If you saturate the color by 10%, you get $21.5066, 0.3633, 0.3560$, and if you desaturate by 10%, it is $27.1734, 0.3246, 0.3360$.

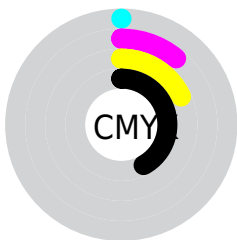
Distribution



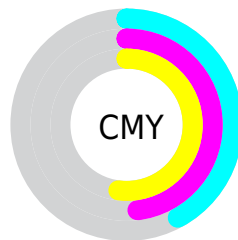
- Red (58%)
- Green (52%)
- Blue (48%)



- Red (58%)
- Yellow (54%)
- Blue (48%)



- Cyan (0%)
- Magenta (11%)
- Yellow (18%)
- Black (42%)





- Cyan (42%)
- Magenta (48%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2036, 0.3425, 0.3458 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 24.2036, 0.3425, 0.3458 by changing the saturation by 10% instead.


 24.2036, 0.3425,
0.3458


 24.2036, 0.3425,
0.3458


273.8482, 0.3259,
0.3366


 15.4847, 0.3473,
0.3484


 50.3622, 0.3360,
0.3423

 9.1603, 0.3540,
0.3519


 68.5708, 0.3337,
0.3410

 4.8459, 0.3639,
0.3569

 90.7114, 0.3318,
0.3400

 2.1571, 0.3798,
0.3647

117.1683, 0.3303,
0.3391

 0.6965, 0.4539,
0.4121

148.3261, 0.3289,
0.3383

 0.0000, 0.0000,
0.0000

184.5691, 0.3278,

0.3377

226.2816, 0.3268,
0.3371

■ 24.2036, 0.3425,
0.3458

■ 24.2036, 0.3425,
0.3458

■ 21.5066, 0.3633,
0.3560

■ 27.1734, 0.3246,
0.3360

■ 19.0711, 0.3872,
0.3663

■ 30.4204, 0.3092,
0.3268

■ 16.8899, 0.4142,
0.3762

■ 33.9530, 0.2960,
0.3183

■ 14.9541, 0.4440,
0.3849

■ 37.7780, 0.2846,
0.3104

■ 13.2543, 0.4757,
0.3913

■ 41.9024, 0.2749,
0.3032

■ 11.7802, 0.5078,
0.3942

■ 46.3326, 0.2664,
0.2967

■ 10.5208, 0.5379,
0.3927

■ 51.0750, 0.2591,
0.2907

■ 9.4610, 0.5642,
0.3866

■ 56.1356, 0.2528,
0.2852

■ 9.2286, 0.5707,
0.3851

■ 61.5098, 0.2473,
0.2804

Harmonies

Analogous

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



24.2036, 0.3406, 0.3336



24.2036, 0.3425, 0.3458



24.2036, 0.3362, 0.3540

Triad

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



24.2036, 0.3425, 0.3458



24.2036, 0.2945, 0.3375



24.2036, 0.3014, 0.3039

Complementary

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



24.2036, 0.3425, 0.3458



24.4362, 0.2862, 0.3116

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.



24.2036, 0.2895, 0.3044



24.2036, 0.3425, 0.3458



24.2036, 0.2856, 0.3234

Square

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



24.2036, 0.3425, 0.3458



24.2036, 0.3083, 0.3494



24.2036, 0.2838, 0.3113



24.2036, 0.3166, 0.3098

Rectangle

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



24.2036, 0.3425, 0.3458



24.2036, 0.3283, 0.3558



24.2036, 0.2838, 0.3113



24.2036, 0.2969, 0.3033

Sweetspot

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



24.2047, 0.3425, 0.3458



49.3291, 0.3206, 0.3337



22.0452, 0.3261, 0.3026



11.1793, 0.3216, 0.3343



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.2047, 0.3425, 0.3458



40.8308, 0.3502, 0.3497



27.9312, 0.3390, 0.3665



6.1604, 0.3273, 0.3376



7.9355, 0.5696, 0.3860



0.1512, 0.4984, 0.4424

Inverse Universe

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



24.4362, 0.2862, 0.3116



41.3148, 0.2804, 0.3073



20.9466, 0.2851, 0.2885



6.1902, 0.2989, 0.3203



8.2563, 0.1891, 0.2006



0.1583, 0.2068, 0.2643

Previews

White Background



This preview shows how the Yxy color 24.2036, 0.3425, 0.3458 looks on a white background.

Color Contrast Check

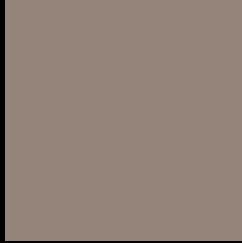
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2036, 0.3425, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

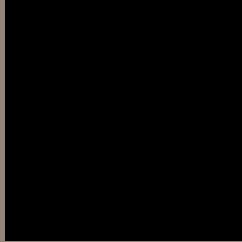
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2036, 0.3425, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 24.2036, 0.3425, 0.3458.

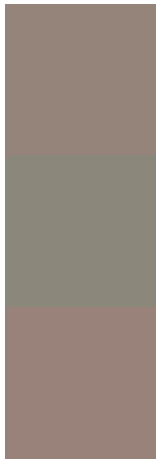


This preview shows how white text looks on a background with the Yxy color 24.2036, 0.3425, 0.3458.

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

24.2036, 0.3425, 0.3458

Protanopia

24.3335, 0.3312, 0.3496

Deuteranopia

24.1427, 0.3492, 0.3422



Tritanopia

24.0780, 0.3252, 0.3112

Trichromacy



Original Color

24.2036, 0.3425, 0.3458

Protanomaly

24.3199, 0.3349, 0.3477

Deuteranomaly

24.2170, 0.3464, 0.3439

Tritanomaly

24.0483, 0.3317, 0.3241

Monochromacy



Original Color

24.2036, 0.3425, 0.3458

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5421, 0.3226, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2036, 0.3425, 0.3458 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(148, 132, 122)` looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 122)  
}
```

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(148, 132, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 122) }
```

Border

The CSS property to change the border of an element to Yxy 24.2036, 0.3425, 0.3458 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(148, 132, 122) }
```

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

```
.border{ border-color:rgb(148, 132, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 122);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2036, 0.3425, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 122) }
```

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

```
.background{ background-color: rgb(148,  
132, 122) }
```

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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