

Converting Colors

$Y_{xy}(24.6277, 0.3339, 0.3375)$

Have a look what the booklet for
Yxy(24.6277, 0.3339, 0.3375)
contains.

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Color

Yxy(24.5366, 0.3343, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	938580
RGB	147, 133, 128
RGB Percent	58%, 52%, 50%
CMY	0.4237, 0.4784, 0.4981
CMYK	0.00, 0.09, 0.13, 0.42
HSL	16°, 8%, 54%
HSV	16°, 13%, 58%
XYZ	24.3112, 24.5366, 23.8748
YIQ	136.6160, 9.9490, 1.4130

Conversions

Conversions Part 2

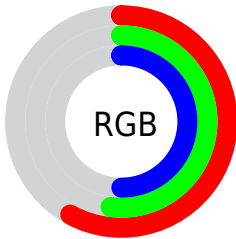
Format	Color
R_{YB}	147, 135, 128
Decimal	9667968
CIE _{Lab}	56.62, 4.37, 4.61
CIE _{LCh}	57, 6.348, 46.524
Yxy	24.5366, 0.3343, 0.3374
Android (android.graphics.Color)	4287858048 (0xFF938580)
YUV	136.6160, -4.2477, 9.1068
Hunter-Lab	49.5344, 0.9213, 6.0972

Details

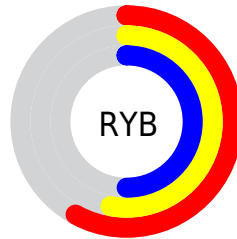
The Yxy color $24.5366, 0.3343, 0.3374$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.0230, 0.2934, 0.3204$, and the grayscale version is $24.8763, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.8715, 0.3294, 0.3352$, and $9.3920, 0.3419, 0.3414$ is the 20% darker color. If you saturate the color by 10%, you get $21.3696, 0.3547, 0.3444$, and if you desaturate by 10%, it is $28.0663, 0.3172, 0.3308$.

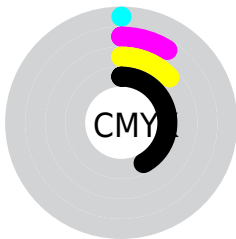
Distribution



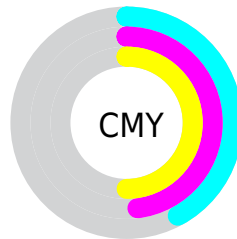
- Red (58%)
- Green (52%)
- Blue (50%)



- Red (58%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (9%)
- Yellow (13%)
- Black (42%)



- Cyan (42%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5366, 0.3343, 0.3374 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 24.5366, 0.3343, 0.3374 by changing the saturation by 10% instead.

■ 24.5366, 0.3343,
0.3374

■ 24.5366, 0.3343,
0.3374

275.5222, 0.3223,
0.3328

■ 15.7321, 0.3378,
0.3387

■ 50.9044, 0.3296,
0.3356

■ 9.3348, 0.3426,
0.3404

■ 69.2366, 0.3280,
0.3350

■ 4.9602, 0.3497,
0.3429

■ 91.5135, 0.3266,
0.3345

■ 2.2239, 0.3612,
0.3467

118.1195, 0.3255,
0.3341

■ 0.7330, 0.3992,
0.3642

149.4390, 0.3245,
0.3337

■ 0.0000, 0.0000,
0.0000

185.8563, 0.3237,

0.3334

227.7559, 0.3229,
0.3331

■ 24.5366, 0.3343,
0.3374

■ 24.5366, 0.3343,
0.3374

■ 21.3696, 0.3547,
0.3444

■ 28.0663, 0.3172,
0.3308

■ 18.5504, 0.3788,
0.3515

■ 31.9664, 0.3028,
0.3247

■ 16.0681, 0.4070,
0.3585

■ 36.2485, 0.2906,
0.3191

■ 13.9095, 0.4393,
0.3649

■ 40.9229, 0.2804,
0.3140

■ 12.0611, 0.4751,
0.3697

■ 45.9991, 0.2717,
0.3093

■ 10.5079, 0.5127,
0.3720

■ 51.4867, 0.2643,
0.3051

■ 9.2340, 0.5494,
0.3707

■ 57.3946, 0.2579,
0.3012

■ 8.2214, 0.5814,
0.3654

■ 63.7317, 0.2525,
0.2977

■ 7.6445, 0.6014,
0.3606

■ 70.1628, 0.2501,
0.3003

Harmonies

Analogous

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



24.5366, 0.3302, 0.3279



24.5366, 0.3343, 0.3374



24.5366, 0.3325, 0.3449

Triad

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



24.5366, 0.3343, 0.3374



24.5366, 0.3039, 0.3394



24.5366, 0.3001, 0.3103

Complementary

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



24.5366, 0.3343, 0.3374



26.0230, 0.2934, 0.3204

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.



24.5366, 0.2933, 0.3130



24.5366, 0.3343, 0.3374



24.5366, 0.2955, 0.3297

Square

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



24.5366, 0.3343, 0.3374



24.5366, 0.3148, 0.3463



24.5366, 0.2916, 0.3200



24.5366, 0.3103, 0.3125

Rectangle

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



24.5366, 0.3343, 0.3374



24.5366, 0.3282, 0.3477



24.5366, 0.2916, 0.3200



24.5366, 0.2973, 0.3107

Sweetspot

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



24.5377, 0.3343, 0.3374



49.5128, 0.3190, 0.3316



23.5964, 0.3193, 0.3058



11.1977, 0.3202, 0.3320



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.



24.5377, 0.3343, 0.3374



42.5458, 0.3389, 0.3390



27.1700, 0.3323, 0.3523



6.0503, 0.3276, 0.3349



6.6671, 0.6005, 0.3614



0.1244, 0.5283, 0.4187

Inverse Universe

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



26.0230, 0.2934, 0.3204



45.6511, 0.2899, 0.3187



23.3975, 0.2931, 0.3045



6.3051, 0.2990, 0.3230



11.1816, 0.2008, 0.2429



0.1852, 0.2132, 0.2876

Previews

White Background



This preview shows how the Yxy color 24.5366, 0.3343, 0.3374 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 24.5366, 0.3343, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

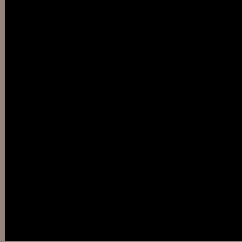
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5366, 0.3343, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 24.5366, 0.3343, 0.3374.



This preview shows how white text looks on a background with the Yxy color 24.5366, 0.3343, 0.3374.

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

24.5366, 0.3343, 0.3374

Protanopia

24.4884, 0.3247, 0.3392

Deuteranopia

24.4665, 0.3407, 0.3340



Tritanopia

24.5452, 0.3227, 0.3128

Trichromacy



Original Color

24.5366, 0.3343, 0.3374

Protanomaly

24.4748, 0.3284, 0.3375

Deuteranomaly

24.5451, 0.3381, 0.3357

Tritanomaly

24.5760, 0.3268, 0.3225

Monochromacy



Original Color

24.5366, 0.3343, 0.3374

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.9923, 0.3204, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5366, 0.3343, 0.3374 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(147, 133, 128)` looks like.

```
.text, #text, p{  
    color:rgb(147, 133, 128)  
}
```

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(147, 133, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 133, 128) }
```

Border

The CSS property to change the border of an element to Yxy 24.5366, 0.3343, 0.3374 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(147, 133, 128) }
```

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

```
.border{ border-color:rgb(147, 133, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 133, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 133, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 133, 128); box-shadow:4px 4px 4px 4px rgb(147, 133, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5366, 0.3343, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 133, 128) }
```

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

```
.background{ background-color: rgb(147,  
133, 128) }
```

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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