

Converting Colors

$Y_{xy}(25.4940, 0.3353, 0.3434)$

Have a look what the booklet for
Yxy(25.4940, 0.3353, 0.3434)
contains.

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Color

Yxy(25.4365, 0.3359, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	94887F
RGB	148, 136, 127
RGB Percent	58%, 53%, 50%
CMY	0.4197, 0.4666, 0.5019
CMYK	0.00, 0.08, 0.14, 0.42
HSL	26°, 9%, 54%
HSV	26°, 14%, 58%
XYZ	24.8448, 25.4365, 23.6835
YIQ	138.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

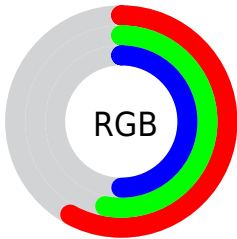
Format	Color
R_{YB}	148, 143, 127
Decimal	9734271
CIE Lab	57.50, 2.89, 6.44
CIE LCh	57, 7.061, 65.822
Yxy	25.4365, 0.3359, 0.3439
Android (android.graphics.Color)	4287924351 (0xFF94887F)
YUV	138.5620, -5.7001, 8.2771
Hunter-Lab	50.4346, -0.3290, 7.4623

Details

The Yxy color **25.4365, 0.3359, 0.3439** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.1091, 0.2914, 0.3136**, and the grayscale version is **25.6608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2470, 0.3306, 0.3401**, and **9.7470, 0.3445, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **22.7934, 0.3553, 0.3551**, and if you desaturate by 10%, it is **28.3260, 0.3190, 0.3332**.

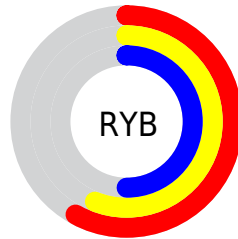
Distribution



Red (58%)

Green (53%)

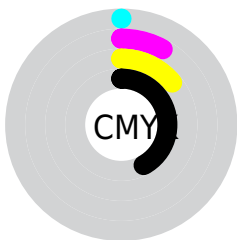
Blue (50%)



Red (58%)

Yellow (56%)

Blue (50%)

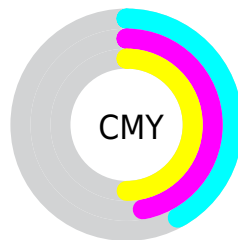


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (42%)



Cyan (42%)


Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4365, 0.3359, 0.3439 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 25.4365, 0.3359, 0.3439 by changing the saturation by 10% instead.


 25.4365, 0.3359,
0.3439

 25.4365, 0.3359,
0.3439


280.0048, 0.3231,
0.3358


 16.4026, 0.3396,
0.3462


 52.3645, 0.3309,
0.3408

 9.8095, 0.3446,
0.3493


 71.0273, 0.3291,
0.3397

 5.2728, 0.3520,
0.3538


 93.6685, 0.3277,
0.3387

 2.4082, 0.3639,
0.3607

120.6726, 0.3265,
0.3380

 0.8301, 0.4011,
0.3873

152.4239, 0.3254,
0.3373

 0.0000, 0.0000,
0.0000

189.3067, 0.3246,

0.3367

231.7056, 0.3238,
0.3362

■ 25.4365, 0.3359,
0.3439

■ 25.4365, 0.3359,
0.3439

■ 22.7934, 0.3553,
0.3551

■ 28.3260, 0.3190,
0.3332

■ 20.3866, 0.3775,
0.3665

■ 31.4651, 0.3045,
0.3233

■ 18.2101, 0.4025,
0.3777

■ 34.8609, 0.2919,
0.3140

■ 16.2564, 0.4300,
0.3879

■ 38.5196, 0.2810,
0.3055

■ 14.5176, 0.4595,
0.3962

■ 42.4469, 0.2716,
0.2977

■ 12.9851, 0.4896,
0.4014

■ 46.6483, 0.2634,
0.2906

■ 11.6496, 0.5185,
0.4024

■ 51.1292, 0.2562,
0.2841

■ 10.5007, 0.5442,
0.3982

■ 55.8949, 0.2500,
0.2781

■ 9.9060, 0.5585,
0.3948

■ 60.6117, 0.2469,
0.2782

Harmonies

Analogous

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



25.4365, 0.3356, 0.3346



25.4365, 0.3359, 0.3439



25.4365, 0.3299, 0.3494

Triad

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



25.4365, 0.3359, 0.3439



25.4365, 0.2966, 0.3338



25.4365, 0.3058, 0.3095

Complementary

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



25.4365, 0.3359, 0.3439



25.1091, 0.2914, 0.3136

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.



25.4365, 0.2956, 0.3089



25.4365, 0.3359, 0.3439



25.4365, 0.2904, 0.3227

Square

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



25.4365, 0.3359, 0.3439



25.4365, 0.3071, 0.3437



25.4365, 0.2900, 0.3137



25.4365, 0.3180, 0.3150

Rectangle

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



25.4365, 0.3359, 0.3439



25.4365, 0.3232, 0.3501



25.4365, 0.2900, 0.3137



25.4365, 0.3020, 0.3087

Sweetspot

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



25.4376, 0.3359, 0.3439



50.0441, 0.3189, 0.3332



23.3471, 0.3239, 0.3090



11.3389, 0.3200, 0.3339



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.



25.4376, 0.3359, 0.3439



43.3726, 0.3418, 0.3474



28.4541, 0.3336, 0.3602



6.2003, 0.3272, 0.3385



8.5166, 0.5574, 0.3956



0.1609, 0.4895, 0.4495

Inverse Universe

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



25.1091, 0.2914, 0.3136



42.6774, 0.2865, 0.3099



22.2881, 0.2908, 0.2958



6.1494, 0.2989, 0.3193



7.3597, 0.1849, 0.1856



0.1487, 0.2042, 0.2551

Previews

White Background



This preview shows how the Yxy color 25.4365, 0.3359, 0.3439 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 25.4365, 0.3359, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

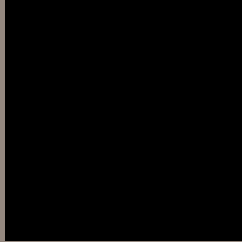
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4365, 0.3359, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 25.4365, 0.3359, 0.3439.



This preview shows how white text looks on a background with the Yxy color 25.4365, 0.3359, 0.3439.

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

25.4365, 0.3359, 0.3439

Protanopia

25.5751, 0.3287, 0.3458

Deuteranopia

25.3021, 0.3438, 0.3371



Tritanopia

25.2727, 0.3203, 0.3114

Trichromacy



Original Color

25.4365, 0.3359, 0.3439

Protanomaly

25.4696, 0.3312, 0.3440

Deuteranomaly

25.2841, 0.3400, 0.3388

Tritanomaly

25.2747, 0.3255, 0.3225

Monochromacy



Original Color

25.4365, 0.3359, 0.3439

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.6770, 0.3202, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4365, 0.3359, 0.3439 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, 136, 127)` looks like.

```
.text, #text, p{  
    color:rgb(148, 136, 127)  
}
```

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, 136, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 136, 127) }
```

Border

The CSS property to change the border of an element to Yxy 25.4365, 0.3359, 0.3439 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, 136, 127) }
```

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

```
.border{ border-color:rgb(148, 136, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 136, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 136, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 136, 127);  
box-shadow:4px 4px 4px 4px rgb(148, 136,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4365, 0.3359, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 136, 127) }
```

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

```
.background{ background-color: rgb(148,  
136, 127) }
```

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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