

Converting Colors

$Y_{xy}(24.6140, 0.3093, 0.2996)$

Have a look what the booklet for
Yxy(24.6140, 0.3093, 0.2996)
contains.

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Color

Yxy(24.4543, 0.3085, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	918396
RGB	145, 131, 150
RGB Percent	57%, 51%, 59%
CMY	0.4314, 0.4863, 0.4116
CMYK	0.03, 0.13, 0.00, 0.41
HSL	284°, 8%, 55%
HSV	284°, 13%, 59%
XYZ	25.2990, 24.4543, 32.2531
YIQ	137.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

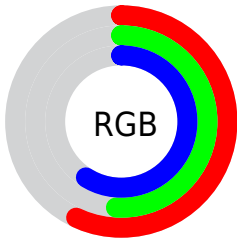
Format	Color
R_{YB}	145, 131, 150
Decimal	9536406
CIE Lab	56.54, 8.96, -8.25
CIE LCh	57, 12.181, 317.351
Yxy	24.4543, 0.3085, 0.2982
Android (android.graphics.Color)	4287726486 (0xFF918396)
YUV	137.3520, 6.2355, 6.7073
Hunter-Lab	49.4513, 4.7797, -4.0542

Details

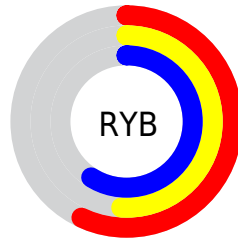
The Yxy color $24.4543, 0.3085, 0.2982$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.6986, 0.3164, 0.3607$, and the grayscale version is $25.1323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.7827, 0.3097, 0.3048$, and $9.3683, 0.3079, 0.2888$ is the 20% darker color. If you saturate the color by 10%, you get $20.3581, 0.3044, 0.2725$, and if you desaturate by 10%, it is $29.1488, 0.3119, 0.3227$.

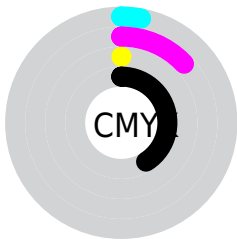
Distribution



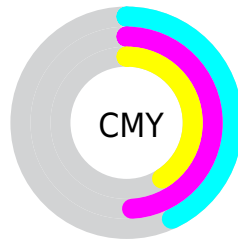
- Red (57%)
- Green (51%)
- Blue (59%)



- Red (57%)
- Yellow (51%)
- Blue (59%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (43%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.4543, 0.3085, 0.2982 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 24.4543, 0.3085, 0.2982 by changing the saturation by 10% instead.

■ 24.4543, 0.3085,
0.2982

■ 24.4543, 0.3085,
0.2982

275.1093, 0.3110,
0.3149

■ 15.6710, 0.3077,
0.2935

■ 50.7705, 0.3095,
0.3046

■ 9.2916, 0.3066,
0.2872

■ 69.0722, 0.3098,
0.3069

■ 4.9319, 0.3050,
0.2781

■ 91.3155, 0.3101,
0.3088

■ 2.2073, 0.3021,
0.2640

117.8847, 0.3103,
0.3104

■ 0.7240, 0.2973,
0.2369

149.1644, 0.3105,
0.3118

■ 0.0000, 0.0000,
0.0000

185.5387, 0.3107,

0.3130

227.3922, 0.3108,
0.3140

■ 24.4543, 0.3085,
0.2982

■ 24.4543, 0.3085,
0.2982

■ 20.3581, 0.3044,
0.2725

■ 29.1488, 0.3119,
0.3227

■ 16.8320, 0.2997,
0.2463

■ 34.4620, 0.3147,
0.3456

■ 13.8501, 0.2943,
0.2201

■ 40.4173, 0.3170,
0.3669

■ 11.3833, 0.2882,
0.1950

■ 47.0359, 0.3188,
0.3863

■ 9.3998, 0.2817,
0.1719

■ 54.3380, 0.3202,
0.4040

■ 7.8640, 0.2748,
0.1521

■ 62.3429, 0.3213,
0.4200

■ 6.7355, 0.2677,
0.1362

■ 71.0691, 0.3222,
0.4345

■ 5.9665, 0.2608,
0.1248

■ 80.5346, 0.3228,
0.4475

■ 5.5374, 0.2558,
0.1183

■ 83.5160, 0.3247,
0.4500

Harmonies

Analogous

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



24.4543, 0.2889, 0.2936



24.4543, 0.3085, 0.2982



24.4543, 0.3298, 0.3103

Triad

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



24.4543, 0.3085, 0.2982



24.4543, 0.3505, 0.3595



24.4543, 0.2795, 0.3295

Complementary

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



24.4543, 0.3085, 0.2982



28.6986, 0.3164, 0.3607

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.



24.4543, 0.2952, 0.3488



24.4543, 0.3085, 0.2982



24.4543, 0.3361, 0.3663

Square

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



24.4543, 0.3085, 0.2982



24.4543, 0.3545, 0.3450



24.4543, 0.3158, 0.3625



24.4543, 0.2727, 0.3108

Rectangle

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



24.4543, 0.3085, 0.2982



24.4543, 0.3420, 0.3212



24.4543, 0.3158, 0.3625



24.4543, 0.2839, 0.3362

Sweetspot

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



24.4553, 0.3085, 0.2982



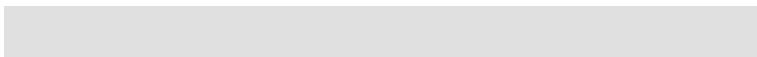
50.1976, 0.3115, 0.3194



24.6585, 0.2934, 0.3055



10.9911, 0.3112, 0.3177



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.



24.4553, 0.3085, 0.2982



41.1510, 0.3075, 0.2916



24.7828, 0.3189, 0.3056



5.8327, 0.3098, 0.3069



4.6068, 0.2563, 0.1185



0.0707, 0.2884, 0.1363

Inverse Universe

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



24.4990, 0.3293, 0.3208



41.2509, 0.3333, 0.3191



28.4095, 0.3071, 0.3536



5.8391, 0.3243, 0.3232



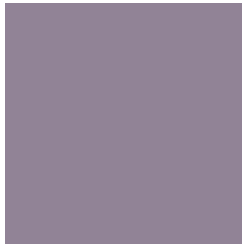
5.5079, 0.5825, 0.2982



0.0717, 0.4779, 0.2406

Previews

White Background



This preview shows how the Yxy color 24.4543, 0.3085, 0.2982 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 24.4543, 0.3085, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

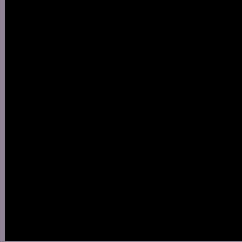
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.4543, 0.3085, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 24.4543, 0.3085, 0.2982.



This preview shows how white text looks on a background with the Yxy color 24.4543, 0.3085, 0.2982.

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

24.4543, 0.3085, 0.2982

Protanopia

24.5815, 0.2936, 0.3006

Deuteranopia

24.4553, 0.3052, 0.2996



Tritanopia

24.4150, 0.3147, 0.3109

Trichromacy



Original Color

24.4543, 0.3085, 0.2982

Protanomaly

24.6029, 0.2987, 0.3009

Deuteranomaly

24.5442, 0.3063, 0.2997

Tritanomaly

24.5071, 0.3115, 0.3061

Monochromacy



Original Color

24.4543, 0.3085, 0.2982

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8564, 0.3110, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.4543, 0.3085, 0.2982 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(145, 131, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 131, 150)  
}
```

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(145, 131, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 131, 150) }
```

Border

The CSS property to change the border of an element to Yxy 24.4543, 0.3085, 0.2982 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(145, 131, 150) }
```

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

```
.border{ border-color:rgb(145, 131, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 131, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 131, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 131, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 131,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 24.4543, 0.3085, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 131, 150) }
```

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

```
.background{ background-color: rgb(145,  
131, 150) }
```

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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