

Converting Colors

$Y_{xy}(25.7975, 0.3178, 0.3129)$

Have a look what the booklet for
Yxy(25.7975, 0.3178, 0.3129)
contains.

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Color

Yxy(25.7618, 0.3179, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	958791
RGB	149, 135, 145
RGB Percent	58%, 53%, 57%
CMY	0.4158, 0.4705, 0.4314
CMYK	0.00, 0.09, 0.03, 0.42
HSL	317°, 6%, 56%
HSV	317°, 9%, 58%
XYZ	26.1651, 25.7618, 30.3792
YIQ	140.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

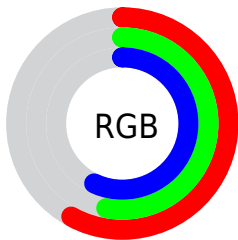
Format	Color
R_{YB}	149, 135, 145
Decimal	9799569
CIE _{Lab}	57.81, 7.11, -3.43
CIE _{LCh}	58, 7.896, 334.263
Yxy	25.7618, 0.3179, 0.3130
Android (android.graphics.Color)	4287989649 (0xFF958791)
YUV	140.3260, 2.3043, 7.6071
Hunter-Lab	50.7561, 3.1948, 0.0423

Details

The Yxy color $25.7618, 0.3179, 0.3130$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.5023, 0.3079, 0.3455$, and the grayscale version is $26.3476, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7865, 0.3166, 0.3158$, and $9.9199, 0.3188, 0.3055$ is the 20% darker color. If you saturate the color by 10%, you get $21.7636, 0.3243, 0.2952$, and if you desaturate by 10%, it is $30.3489, 0.3124, 0.3300$.

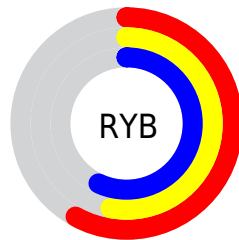
Distribution



Red (58%)

Green (53%)

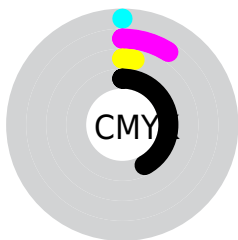
Blue (57%)



Red (58%)

Yellow (53%)

Blue (57%)

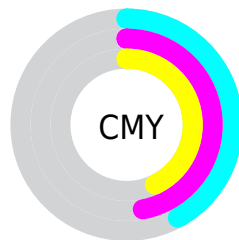


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (42%)



Cyan (42%)


Magenta (47%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7618, 0.3179, 0.3130 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 25.7618, 0.3179, 0.3130 by changing the saturation by 10% instead.


 25.7618, 0.3179,
0.3130


 25.7618, 0.3179,
0.3130


281.6108, 0.3151,
0.3217


 16.6455, 0.3187,
0.3106


 52.8904, 0.3168,
0.3163

 9.9821, 0.3197,
0.3072


 71.6716, 0.3164,
0.3175

 5.3871, 0.3212,
0.3025

 94.4431, 0.3161,
0.3185

 2.4761, 0.3236,
0.2951

121.5895, 0.3159,
0.3194

 0.8646, 0.3276,
0.2819

153.4950, 0.3156,
0.3201

 0.0000, 0.0000,
0.0000

190.5442, 0.3154,

0.3207

233.1213, 0.3153,
0.3212

■ 25.7618, 0.3179,
0.3130

■ 25.7618, 0.3179,
0.3130

■ 21.7636, 0.3243,
0.2952

■ 30.3489, 0.3124,
0.3300

■ 18.3268, 0.3318,
0.2771

■ 35.5441, 0.3077,
0.3461

■ 15.4268, 0.3403,
0.2592

■ 41.3701, 0.3038,
0.3612

■ 13.0358, 0.3499,
0.2422

■ 47.8472, 0.3005,
0.3751

■ 11.1236, 0.3604,
0.2271

■ 54.9950, 0.2977,
0.3879

■ 9.6567, 0.3716,
0.2147

■ 62.8322, 0.2954,
0.3996

■ 8.5973, 0.3833,
0.2062

■ 71.3766, 0.2935,
0.4104

■ 7.9012, 0.3949,
0.2021

■ 80.6455, 0.2919,
0.4202

■ 7.4645, 0.4065,
0.2017

■ 81.3344, 0.2899,
0.4157

Harmonies

Analogous

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



25.7618, 0.3043, 0.3071



25.7618, 0.3179, 0.3130



25.7618, 0.3303, 0.3229

Triad

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



25.7618, 0.3179, 0.3130



25.7618, 0.3323, 0.3516



25.7618, 0.2881, 0.3226

Complementary

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



25.7618, 0.3179, 0.3130



28.5023, 0.3079, 0.3455

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.



25.7618, 0.2953, 0.3349



25.7618, 0.3179, 0.3130



25.7618, 0.3207, 0.3520

Square

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



25.7618, 0.3179, 0.3130



25.7618, 0.3387, 0.3451



25.7618, 0.3072, 0.3459



25.7618, 0.2874, 0.3123

Rectangle

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



25.7618, 0.3179, 0.3130



25.7618, 0.3361, 0.3307



25.7618, 0.3072, 0.3459



25.7618, 0.2898, 0.3266

Sweetspot

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



25.7629, 0.3179, 0.3130



51.2155, 0.3143, 0.3239



24.9870, 0.3029, 0.3060



11.2096, 0.3147, 0.3226



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.



25.7629, 0.3179, 0.3130



44.7507, 0.3190, 0.3098



25.5548, 0.3253, 0.3241



5.8813, 0.3178, 0.3133



6.2683, 0.4065, 0.2013



0.0818, 0.3599, 0.1756

Inverse Universe

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



25.7629, 0.3179, 0.3130



44.7507, 0.3190, 0.3098



28.7122, 0.3015, 0.3339



5.8813, 0.3178, 0.3133



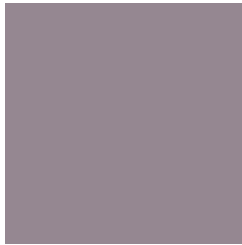
6.2683, 0.4065, 0.2013



0.0818, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 25.7618, 0.3179, 0.3130 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 25.7618, 0.3179, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

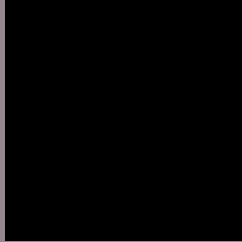
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7618, 0.3179, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 25.7618, 0.3179, 0.3130.



This preview shows how white text looks on a background with the Yxy color 25.7618, 0.3179, 0.3130.

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

25.7618, 0.3179, 0.3130

Protanopia

25.7725, 0.3048, 0.3142

Deuteranopia

25.8563, 0.3190, 0.3130



Tritanopia

25.7928, 0.3169, 0.3114

Trichromacy



Original Color

25.7618, 0.3179, 0.3130

Protanomaly

25.8063, 0.3101, 0.3143

Deuteranomaly

25.8563, 0.3190, 0.3130

Tritanomaly

25.7928, 0.3169, 0.3114

Monochromacy



Original Color

25.7618, 0.3179, 0.3130

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.9696, 0.3141, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7618, 0.3179, 0.3130 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(149, 135, 145)` looks like.

```
.text, #text, p{  
    color:rgb(149, 135, 145)  
}
```

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(149, 135, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 135, 145) }
```

Border

The CSS property to change the border of an element to Yxy 25.7618, 0.3179, 0.3130 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(149, 135, 145) }
```

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

```
.border{ border-color:rgb(149, 135, 145) }
```

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

Here you see how a box with a 4 pixel rgb(149, 135, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(149, 135,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7618, 0.3179, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 135, 145) }
```

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

```
.background{ background-color: rgb(149,  
135, 145) }
```

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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