

Converting Colors

$Y_{xy}(25.3882, 0.3205, 0.3190)$

Have a look what the booklet for
Yxy(25.3882, 0.3205, 0.3190)
contains.

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Color

Yxy(25.4541, 0.3199, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	93878D
RGB	147, 135, 141
RGB Percent	58%, 53%, 55%
CMY	0.4236, 0.4706, 0.4471
CMYK	0.00, 0.08, 0.04, 0.42
HSL	330°, 5%, 55%
HSV	330°, 8%, 58%
XYZ	25.5019, 25.4541, 28.7624
YIQ	139.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

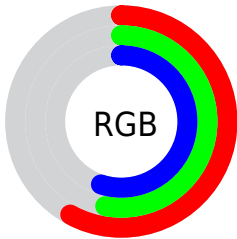
Format	Color
R_{YB}	147, 135, 141
Decimal	9668493
CIE Lab	57.52, 5.61, -1.58
CIE LCh	58, 5.830, 344.310
Yxy	25.4541, 0.3199, 0.3193
Android (android.graphics.Color)	4287858573 (0xFF93878D)
YUV	139.2720, 0.8519, 6.7775
Hunter-Lab	50.4521, 1.9350, 1.5156

Details

The Yxy color $25.4541, 0.3199, 0.3193$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.9393, 0.3061, 0.3389$, and the grayscale version is $25.9240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3241, 0.3181, 0.3205$, and $9.7391, 0.3218, 0.3147$ is the 20% darker color. If you saturate the color by 10%, you get $21.4204, 0.3303, 0.3068$, and if you desaturate by 10%, it is $30.0710, 0.3112, 0.3311$.

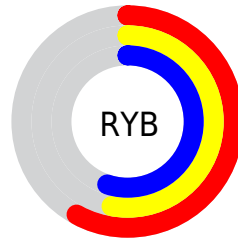
Distribution



Red (58%)

Green (53%)

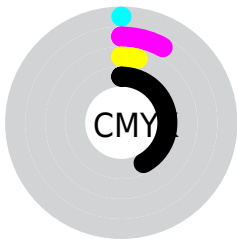
Blue (55%)



Red (58%)

Yellow (53%)

Blue (55%)

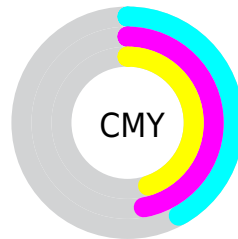


Cyan (0%)

Magenta (8%)

Yellow (4%)

Black (42%)



Cyan (42%)


Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4541, 0.3199, 0.3193 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 25.4541, 0.3199, 0.3193 by changing the saturation by 10% instead.


 25.4541, 0.3199,
0.3193


 25.4541, 0.3199,
0.3193


280.0919, 0.3160,
0.3246


 16.4157, 0.3210,
0.3178


 52.3930, 0.3184,
0.3214

 9.8188, 0.3225,
0.3157


 71.0622, 0.3178,
0.3221

 5.2790, 0.3248,
0.3128

 93.7105, 0.3174,
0.3227

 2.4119, 0.3283,
0.3081

120.7223, 0.3170,
0.3232

 0.8320, 0.3348,
0.2993

152.4819, 0.3167,
0.3236

 0.0000, 0.0000,
0.0000

189.3738, 0.3164,

0.3240

231.7823, 0.3162,
0.3243

■ 25.4541, 0.3199,
0.3193

■ 25.4541, 0.3199,
0.3193

■ 21.4204, 0.3303,
0.3068

■ 30.0710, 0.3112,
0.3311

■ 17.9431, 0.3428,
0.2939

■ 35.2897, 0.3040,
0.3422

■ 14.9984, 0.3575,
0.2809

■ 41.1321, 0.2981,
0.3524

■ 12.5596, 0.3747,
0.2685

■ 47.6182, 0.2931,
0.3618

■ 10.5974, 0.3944,
0.2575

■ 54.7669, 0.2890,
0.3705

■ 9.0795, 0.4164,
0.2489

■ 62.5964, 0.2856,
0.3784

■ 7.9698, 0.4399,
0.2440

■ 71.1241, 0.2828,
0.3856

■ 7.2261, 0.4641,
0.2437

■ 80.3670, 0.2804,
0.3922

■ 6.7649, 0.4881,
0.2479

■ 82.2408, 0.2770,
0.3856

Harmonies

Analogous

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



25.4541, 0.3098, 0.3137



25.4541, 0.3199, 0.3193



25.4541, 0.3281, 0.3274

Triad

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



25.4541, 0.3199, 0.3193



25.4541, 0.3247, 0.3464



25.4541, 0.2936, 0.3215

Complementary

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



25.4541, 0.3199, 0.3193



27.9393, 0.3061, 0.3389

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.



25.4541, 0.2975, 0.3304



25.4541, 0.3199, 0.3193



25.4541, 0.3154, 0.3449

Square

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



25.4541, 0.3199, 0.3193



25.4541, 0.3309, 0.3430



25.4541, 0.3054, 0.3390



25.4541, 0.2948, 0.3148

Rectangle

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



25.4541, 0.3199, 0.3193



25.4541, 0.3314, 0.3332



25.4541, 0.3054, 0.3390



25.4541, 0.2944, 0.3243

Sweetspot

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



25.4552, 0.3199, 0.3193



50.5187, 0.3144, 0.3266



25.0994, 0.3070, 0.3093



11.5567, 0.3143, 0.3268



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.



25.4552, 0.3199, 0.3193



44.0251, 0.3219, 0.3168



25.2821, 0.3263, 0.3290



5.8607, 0.3209, 0.3180



5.8036, 0.4914, 0.2481



0.0770, 0.4037, 0.1998

Inverse Universe

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



25.4552, 0.3199, 0.3193



44.0251, 0.3219, 0.3168



28.1221, 0.3005, 0.3290



5.8607, 0.3209, 0.3180



5.8036, 0.4914, 0.2481



0.0770, 0.4037, 0.1998

Previews

White Background



This preview shows how the Yxy color 25.4541, 0.3199, 0.3193 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 25.4541, 0.3199, 0.3193 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 25.4541, 0.3199, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 25.4541, 0.3199, 0.3193.



This preview shows how white text looks on a background with the Yxy color 25.4541, 0.3199, 0.3193.

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

25.4541, 0.3199, 0.3193

Protanopia

25.3333, 0.3098, 0.3207

Deuteranopia

25.4573, 0.3234, 0.3178



Tritanopia

25.3904, 0.3169, 0.3113

Trichromacy



Original Color

25.4541, 0.3199, 0.3193

Protanomaly

25.3121, 0.3132, 0.3191

Deuteranomaly

25.3628, 0.3223, 0.3177

Tritanomaly

25.3597, 0.3180, 0.3129

Monochromacy



Original Color

25.4541, 0.3199, 0.3193

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.8212, 0.3151, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4541, 0.3199, 0.3193 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, 135, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 135, 141)  
}
```

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, 135, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 135, 141) }
```

Border

The CSS property to change the border of an element to Yxy 25.4541, 0.3199, 0.3193 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, 135, 141) }
```

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

```
.border{ border-color:rgb(147, 135, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 135, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 135, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 135, 141);  
box-shadow:4px 4px 4px 4px rgb(147, 135,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4541, 0.3199, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 135, 141) }
```

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

```
.background{ background-color: rgb(147,  
135, 141) }
```

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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