

Converting Colors

$Y_{xy}(25.7738, 0.3103, 0.3099)$

Have a look what the booklet for
Yxy(25.7738, 0.3103, 0.3099)
contains.

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Color

Yxy(25.7662, 0.3103, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	918894
RGB	145, 136, 148
RGB Percent	57%, 53%, 58%
CMY	0.4314, 0.4666, 0.4196
CMYK	0.02, 0.08, 0.00, 0.42
HSL	285°, 5%, 56%
HSV	285°, 8%, 58%
XYZ	25.8245, 25.7662, 31.6335
YIQ	140.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

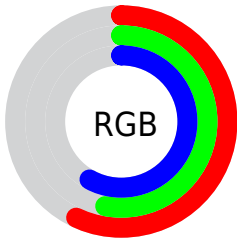
Format	Color
R_YB	145, 136, 148
Decimal	9537684
CIE Lab	57.81, 5.68, -5.20
CIE LCh	58, 7.696, 317.533
Yxy	25.7662, 0.3103, 0.3096
Android (android.graphics.Color)	4287727764 (0xFF918894)
YUV	140.0590, 3.9149, 4.3333
Hunter-Lab	50.7604, 1.9815, -1.4168

Details

The Yxy color $25.7662, 0.3103, 0.3096$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.4536, 0.3149, 0.3488$, and the grayscale version is $26.2335, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8016, 0.3110, 0.3133$, and $9.9515, 0.3107, 0.3030$ is the 20% darker color. If you saturate the color by 10%, you get $21.5478, 0.3068, 0.2845$, and if you desaturate by 10%, it is $30.5737, 0.3132, 0.3334$.

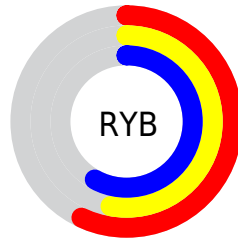
Distribution



Red (57%)

Green (53%)

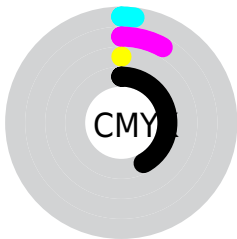
Blue (58%)



Red (57%)

Yellow (53%)

Blue (58%)

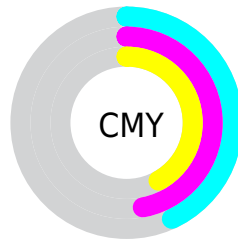


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (42%)



Cyan (43%)


Magenta (47%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7662, 0.3103, 0.3096 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 25.7662, 0.3103, 0.3096 by changing the saturation by 10% instead.


 25.7662, 0.3103,
0.3096


 25.7662, 0.3103,
0.3096


281.6325, 0.3117,
0.3201


 16.6488, 0.3099,
0.3067


 52.8975, 0.3109,
0.3137

 9.9844, 0.3093,
0.3026


 71.6803, 0.3110,
0.3151

 5.3886, 0.3084,
0.2969

 94.4536, 0.3112,
0.3163

 2.4770, 0.3070,
0.2880

121.6018, 0.3113,
0.3173

 0.8651, 0.3041,
0.2722

153.5095, 0.3114,
0.3182

 0.0000, 0.0000,
0.0000

190.5609, 0.3115,

0.3189

233.1404, 0.3116,
0.3196

■ 25.7662, 0.3103,
0.3096

■ 25.7662, 0.3103,
0.3096

■ 21.5478, 0.3068,
0.2845

■ 30.5737, 0.3132,
0.3334

■ 17.8917, 0.3026,
0.2585

■ 35.9893, 0.3156,
0.3556

■ 14.7739, 0.2978,
0.2324

■ 42.0350, 0.3175,
0.3760

■ 12.1671, 0.2923,
0.2068

■ 48.7309, 0.3190,
0.3947

■ 10.0419, 0.2863,
0.1829

■ 56.0962, 0.3202,
0.4116

■ 8.3659, 0.2799,
0.1618

■ 64.1492, 0.3211,
0.4269

■ 7.1022, 0.2733,
0.1442

■ 72.9074, 0.3217,
0.4408

■ 6.2084, 0.2666,
0.1310

■ 82.3880, 0.3222,
0.4532

■ 5.6009, 0.2601,
0.1216

■ 83.1969, 0.3244,
0.4528

Harmonies

Analogous

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



25.7662, 0.2980, 0.3068



25.7662, 0.3103, 0.3096



25.7662, 0.3235, 0.3173

Triad

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



25.7662, 0.3103, 0.3096



25.7662, 0.3361, 0.3481



25.7662, 0.2919, 0.3294

Complementary

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



25.7662, 0.3103, 0.3096



28.4536, 0.3149, 0.3488

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.



25.7662, 0.3018, 0.3411



25.7662, 0.3103, 0.3096



25.7662, 0.3273, 0.3520

Square

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



25.7662, 0.3103, 0.3096



25.7662, 0.3385, 0.3393



25.7662, 0.3147, 0.3495



25.7662, 0.2876, 0.3179

Rectangle

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



25.7662, 0.3103, 0.3096



25.7662, 0.3309, 0.3243



25.7662, 0.3147, 0.3495



25.7662, 0.2947, 0.3335

Sweetspot

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



25.7673, 0.3103, 0.3096



50.4776, 0.3121, 0.3242



25.8995, 0.3006, 0.3144



11.5479, 0.3122, 0.3245



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.



25.7673, 0.3103, 0.3096



43.8171, 0.3096, 0.3045



25.9587, 0.3165, 0.3142



5.8362, 0.3099, 0.3069



4.7056, 0.2592, 0.1202



0.0716, 0.2901, 0.1372

Inverse Universe

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



25.7731, 0.3230, 0.3241



43.8340, 0.3259, 0.3228



28.2768, 0.3091, 0.3442



5.8380, 0.3245, 0.3234



5.4977, 0.5865, 0.3005



0.0715, 0.4830, 0.2435

Previews

White Background



This preview shows how the Yxy color 25.7662, 0.3103, 0.3096 looks on a white background.

Color Contrast Check

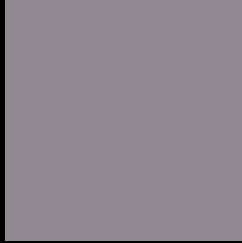
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7662, 0.3103, 0.3096 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 25.7662, 0.3103, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 25.7662, 0.3103, 0.3096.

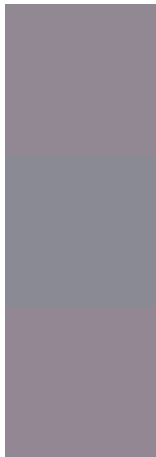


This preview shows how white text looks on a background with the Yxy color 25.7662, 0.3103, 0.3096.

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

25.7662, 0.3103, 0.3096

Protanopia

25.7502, 0.3018, 0.3109

Deuteranopia

25.7620, 0.3137, 0.3082



Tritanopia

25.7346, 0.3114, 0.3112

Trichromacy



Original Color

25.7662, 0.3103, 0.3096

Protanomaly

25.7240, 0.3050, 0.3094

Deuteranomaly

25.6691, 0.3126, 0.3081

Tritanomaly

25.7346, 0.3114, 0.3112

Monochromacy



Original Color

25.7662, 0.3103, 0.3096

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1992, 0.3119, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7662, 0.3103, 0.3096 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, 136, 148)` looks like.

```
.text, #text, p{  
    color:rgb(145, 136, 148)  
}
```

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, 136, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 136, 148) }
```

Border

The CSS property to change the border of an element to Yxy 25.7662, 0.3103, 0.3096 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, 136, 148) }
```

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

```
.border{ border-color:rgb(145, 136, 148) }
```

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

Here you see how a box with a 4 pixel rgb(145, 136, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 136, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 136, 148);  
box-shadow:4px 4px 4px 4px rgb(145, 136,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7662, 0.3103, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 136, 148) }
```

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

```
.background{ background-color: rgb(145,  
136, 148) }
```

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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