

Converting Colors

$Y_{xy}(25.0503, 0.3197, 0.2897)$

Have a look what the booklet for
Yxy(25.0503, 0.3197, 0.2897)
contains.

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Color

Yxy(25.0405, 0.3192, 0.2890)

Conversions

Conversions Part 1

Format	Color
Hex	9E809A
RGB	158, 128, 154
RGB Percent	62%, 50%, 60%
CMY	0.3803, 0.4981, 0.3961
CMYK	0.00, 0.19, 0.03, 0.38
HSL	308°, 13%, 56%
HSV	308°, 19%, 62%
XYZ	27.6572, 25.0405, 33.9476
YIQ	139.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

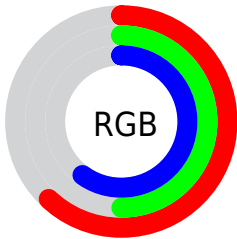
Format	Color
R _Y B	158, 128, 154
Decimal	10387610
CIE Lab	57.11, 16.18, -9.56
CIE LCh	57, 18.791, 329.431
Yxy	25.0405, 0.3192, 0.2890
Android (android.graphics.Color)	4288577690 (0xFF9E809A)
YUV	139.9340, 6.9345, 15.8439
Hunter-Lab	50.0405, 11.0854, -5.1942

Details

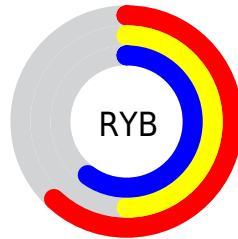
The Yxy color $25.0405, 0.3192, 0.2890$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $30.7202, 0.3068, 0.3726$, and the grayscale version is $26.1698, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7479, 0.3184, 0.2977$, and $9.6354, 0.3203, 0.2759$ is the 20% darker color. If you saturate the color by 10%, you get $21.1653, 0.3232, 0.2675$, and if you desaturate by 10%, it is $29.5612, 0.3156, 0.3104$.

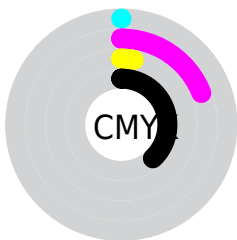
Distribution



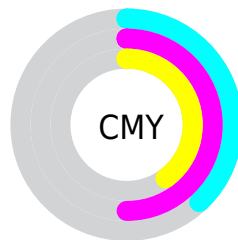
- Red (62%)
- Green (50%)
- Blue (60%)



- Red (62%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (3%)
- Black (38%)





- Cyan (38%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0405, 0.3192, 0.2890 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 25.0405, 0.3192, 0.2890 by changing the saturation by 10% instead.


 25.0405, 0.3192,
0.2890


 25.0405, 0.3192,
0.2890


278.0396, 0.3159,
0.3104

 16.1072, 0.3200,
0.2831


 51.7229, 0.3180,
0.2972

 9.6001, 0.3211,
0.2752


 70.2409, 0.3175,
0.3001

 5.1346, 0.3225,
0.2641


 92.7225, 0.3172,
0.3026

 2.3265, 0.3244,
0.2473

119.5522, 0.3168,
0.3046

 0.7877, 0.3271,
0.2182

151.1143, 0.3166,
0.3064

 0.0000, 0.2219,
0.0000

187.7934, 0.3163,

 0.0000, 0.0000,

0.3079

0.0000

229.9736, 0.3161,
0.3093

■ 25.0405, 0.3192,
0.2890

■ 25.0405, 0.3192,
0.2890

■ 21.1653, 0.3232,
0.2675

■ 29.5612, 0.3156,
0.3104

■ 17.9028, 0.3277,
0.2464

■ 34.7518, 0.3124,
0.3310

■ 15.2219, 0.3324,
0.2266

■ 40.6396, 0.3097,
0.3506

■ 13.0879, 0.3374,
0.2090

■ 47.2492, 0.3073,
0.3690

■ 11.4622, 0.3426,
0.1944

■ 54.6041, 0.3052,
0.3860

■ 10.3010, 0.3476,
0.1838

■ 62.7268, 0.3035,
0.4017

■ 9.5535, 0.3524,
0.1774

■ 71.6387, 0.3020,
0.4160

■ 9.1135, 0.3570,
0.1746

■ 81.3606, 0.3008,
0.4291

■ 9.0736, 0.3575,
0.1743

■ 81.8131, 0.2997,
0.4270

Harmonies

Analogous

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



25.0405, 0.2874, 0.2773



25.0405, 0.3192, 0.2890



25.0405, 0.3507, 0.3101

Triad

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



25.0405, 0.3192, 0.2890



25.0405, 0.3630, 0.3812



25.0405, 0.2566, 0.3169

Complementary

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



25.0405, 0.3192, 0.2890



30.7202, 0.3068, 0.3726

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.



25.0405, 0.2750, 0.3479



25.0405, 0.3192, 0.2890



25.0405, 0.3361, 0.3866

Square

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



25.0405, 0.3192, 0.2890



25.0405, 0.3766, 0.3622



25.0405, 0.3038, 0.3744



25.0405, 0.2526, 0.2915

Rectangle

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



25.0405, 0.3192, 0.2890



25.0405, 0.3666, 0.3274



25.0405, 0.3038, 0.3744



25.0405, 0.2613, 0.3270

Sweetspot

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



25.0416, 0.3192, 0.2890



56.2565, 0.3146, 0.3164



22.8110, 0.2863, 0.2790



12.5590, 0.3148, 0.3152



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.0416, 0.3192, 0.2890



42.1902, 0.3209, 0.2794



24.5727, 0.3360, 0.3117



6.7393, 0.3157, 0.3099



7.2678, 0.3572, 0.1741



0.1338, 0.3408, 0.1651

Inverse Universe

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



25.0416, 0.3192, 0.2890



42.1902, 0.3209, 0.2794



31.1607, 0.2940, 0.3470



6.7393, 0.3157, 0.3099



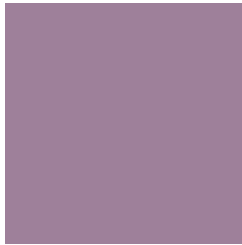
7.2678, 0.3572, 0.1741



0.1338, 0.3408, 0.1651

Previews

White Background



This preview shows how the Yxy color 25.0405, 0.3192, 0.2890 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 25.0405, 0.3192, 0.2890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

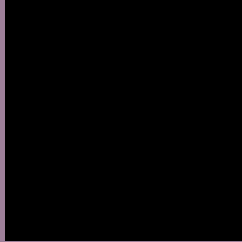
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0405, 0.3192, 0.2890

Background



This preview shows how black text looks on a background with the Yxy color 25.0405, 0.3192, 0.2890.



This preview shows how white text looks on a background with the Yxy color 25.0405, 0.3192, 0.2890.

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

25.0405, 0.3192, 0.2890

Protanopia

25.0981, 0.2870, 0.2912

Deuteranopia

25.1897, 0.3032, 0.2983



Tritanopia

24.9266, 0.3321, 0.3132

Trichromacy



Original Color

25.0405, 0.3192, 0.2890

Protanomaly

24.9602, 0.2982, 0.2904

Deuteranomaly

25.0983, 0.3087, 0.2956

Tritanomaly

24.9129, 0.3278, 0.3040

Monochromacy



Original Color

25.0405, 0.3192, 0.2890

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.8557, 0.3156, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0405, 0.3192, 0.2890 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(158, 128, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 128, 154)  
}
```

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(158, 128, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 128, 154) }
```

Border

The CSS property to change the border of an element to Yxy 25.0405, 0.3192, 0.2890 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(158, 128, 154) }
```

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

```
.border{ border-color:rgb(158, 128, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 128, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 128, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 128, 154);  
box-shadow:4px 4px 4px 4px rgb(158, 128,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0405, 0.3192, 0.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 128, 154) }
```

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

```
.background{ background-color: rgb(158,  
128, 154) }
```

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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