

Converting Colors

$Y_{xy}(25.0913, 0.3097, 0.2745)$

Have a look what the booklet for
Yxy(25.0913, 0.3097, 0.2745)
contains.

Yxy(25.0922, 0.3097, 0.2745)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.0922, 0.3097, 0.2745)

Conversions

Conversions Part 1

Format	Color
Hex	9E7FA3
RGB	158, 127, 163
RGB Percent	62%, 50%, 64%
CMY	0.3802, 0.5020, 0.3607
CMYK	0.03, 0.22, 0.00, 0.36
HSL	292°, 16%, 57%
HSV	292°, 22%, 64%
XYZ	28.3099, 25.0922, 38.0085
YIQ	140.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

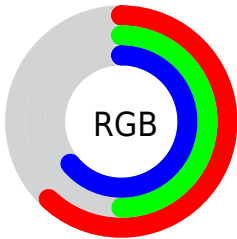
Format	Color
R _Y B	158, 127, 163
Decimal	10387363
CIE _{Lab}	57.17, 18.55, -14.68
CIE _{LCh}	57, 23.652, 321.650
Yxy	25.0922, 0.3097, 0.2745
Android (android.graphics.Color)	4288577443 (0xFF9E7FA3)
YUV	140.3730, 11.1551, 15.4589
Hunter-Lab	50.0921, 13.2191, -9.9231

Details

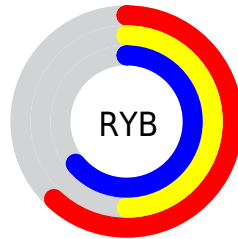
The Yxy color $25.0922, 0.3097, 0.2745$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $32.6324, 0.3145, 0.3883$, and the grayscale version is $26.3342, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.8506, 0.3106, 0.2855$, and $9.6606, 0.3077, 0.2577$ is the 20% darker color. If you saturate the color by 10%, you get $20.9930, 0.3078, 0.2491$, and if you desaturate by 10%, it is $29.8790, 0.3113, 0.2997$.

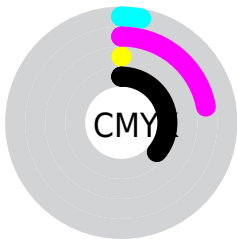
Distribution



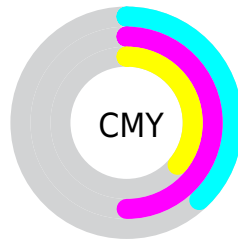
- Red (62%)
- Green (50%)
- Blue (64%)



- Red (62%)
- Yellow (50%)
- Blue (64%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (36%)





- Cyan (38%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0922, 0.3097, 0.2745 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 25.0922, 0.3097, 0.2745 by changing the saturation by 10% instead.


 25.0922, 0.3097,
0.2745


 25.0922, 0.3097,
0.2745


278.2968, 0.3118,
0.3034


 16.1458, 0.3089,
0.2667


 51.8068, 0.3106,
0.2854

 9.6274, 0.3078,
0.2564


 70.3437, 0.3109,
0.2894

 5.1526, 0.3059,
0.2420


 92.8462, 0.3112,
0.2927

 2.3371, 0.3025,
0.2207

119.6987, 0.3113,
0.2955

 0.7932, 0.2954,
0.1857

151.2856, 0.3115,
0.2979

 0.0000, 0.1842,
0.0000

187.9914, 0.3116,

 0.0000, 0.0000,

0.3000

0.0000

230.2003, 0.3117,
0.3018

■ 25.0922, 0.3097,
0.2745

■ 25.0922, 0.3097,
0.2745

■ 20.9930, 0.3078,
0.2491

■ 29.8790, 0.3113,
0.2997

■ 17.5453, 0.3054,
0.2243

■ 35.3807, 0.3125,
0.3240

■ 14.7148, 0.3028,
0.2010

■ 41.6269, 0.3134,
0.3471

■ 12.4628, 0.2997,
0.1802

■ 48.6449, 0.3141,
0.3687

■ 10.7460, 0.2965,
0.1628

■ 56.4603, 0.3145,
0.3885

■ 9.5149, 0.2930,
0.1494

■ 65.0978, 0.3148,
0.4067

■ 8.7112, 0.2895,
0.1403

■ 74.5807, 0.3150,
0.4233

■ 8.2708, 0.2867,
0.1353

■ 83.3956, 0.3152,
0.4361

■ 83.6594, 0.3165,
0.4356

Harmonies

Analogous

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



25.0922, 0.2719, 0.2635



25.0922, 0.3097, 0.2745



25.0922, 0.3508, 0.2978

Triad

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



25.0922, 0.3097, 0.2745



25.0922, 0.3820, 0.3891



25.0922, 0.2472, 0.3230

Complementary

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



25.0922, 0.3097, 0.2745



32.6324, 0.3145, 0.3883

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.



25.0922, 0.2736, 0.3628



25.0922, 0.3097, 0.2745



25.0922, 0.3514, 0.4021

Square

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



25.0922, 0.3097, 0.2745



25.0922, 0.3940, 0.3616



25.0922, 0.3115, 0.3931



25.0922, 0.2376, 0.2884

Rectangle

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



25.0922, 0.3097, 0.2745



25.0922, 0.3738, 0.3179



25.0922, 0.3115, 0.3931



25.0922, 0.2543, 0.3363

Sweetspot

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



25.0933, 0.3097, 0.2745



58.2378, 0.3119, 0.3119



23.7627, 0.2770, 0.2782



12.9582, 0.3119, 0.3106



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.0933, 0.3097, 0.2745



40.8209, 0.3087, 0.2608



25.1768, 0.3290, 0.2934



7.1525, 0.3117, 0.3067



6.4411, 0.2870, 0.1355



0.1481, 0.3002, 0.1427

Inverse Universe

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



24.6261, 0.3505, 0.3214



39.8450, 0.3627, 0.3194



32.5919, 0.2994, 0.3675



7.1011, 0.3264, 0.3259



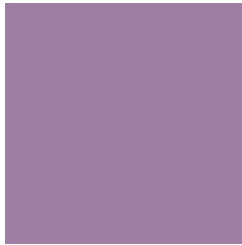
6.1021, 0.6186, 0.3181



0.1325, 0.5475, 0.2790

Previews

White Background



This preview shows how the Yxy color 25.0922, 0.3097, 0.2745 looks on a white background.

Color Contrast Check

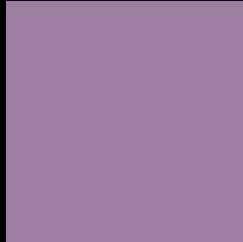
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0922, 0.3097, 0.2745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

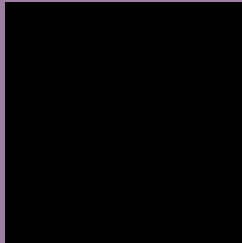
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0922, 0.3097, 0.2745

Background



This preview shows how black text looks on a background with the Yxy color 25.0922, 0.3097, 0.2745.



This preview shows how white text looks on a background with the Yxy color 25.0922, 0.3097, 0.2745.

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

25.0922, 0.3097, 0.2745

Protanopia

25.2187, 0.2752, 0.2757

Deuteranopia

25.1478, 0.2903, 0.2841



Tritanopia

25.1242, 0.3296, 0.3132

Trichromacy



Original Color

25.0922, 0.3097, 0.2745

Protanomaly

25.1405, 0.2866, 0.2752

Deuteranomaly

24.9522, 0.2975, 0.2802

Tritanomaly

25.2031, 0.3221, 0.2994

Monochromacy



Original Color

25.0922, 0.3097, 0.2745

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.6691, 0.3126, 0.3081

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0922, 0.3097, 0.2745 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, 127, 163)` looks like.

```
.text, #text, p{  
    color:rgb(158, 127, 163)  
}
```

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, 127, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 127, 163) }
```

Border

The CSS property to change the border of an element to Yxy 25.0922, 0.3097, 0.2745 is called "border". The border property can be set on classes, ids or directly on the HTML element.

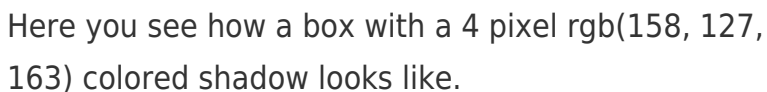
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 127, 163) }
```

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

```
.border{ border-color:rgb(158, 127, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 127, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 127, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 127, 163); box-shadow:4px 4px 4px 4px rgb(158, 127, 163) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0922, 0.3097, 0.2745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 127, 163) }
```

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

```
.background{ background-color: rgb(158,  
127, 163) }
```

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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