

Converting Colors

$Y_{xy}(25.7468, 0.3783, 0.3297)$

Have a look what the booklet for
Yxy(25.7468, 0.3783, 0.3297)
contains.

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Color

Yxy(25.6129, 0.3778, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	B27D7D
RGB	178, 125, 125
RGB Percent	70%, 49%, 49%
CMY	0.3020, 0.5098, 0.5098
CMYK	0.00, 0.30, 0.30, 0.30
HSL	0°, 26%, 59%
HSV	0°, 30%, 70%
XYZ	29.3941, 25.6129, 22.7964
YIQ	140.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

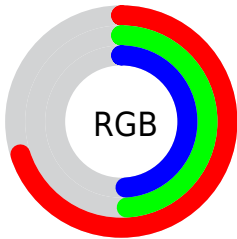
Format	Color
RYB	178, 125, 125
Decimal	11697533
CIELab	57.67, 20.59, 8.25
CIELCh	58, 22.185, 21.845
Yxy	25.6129, 0.3778, 0.3292
Android (android.graphics.Color)	4289887613 (0xFFB27D7D)
YUV	140.8470, -7.8126, 32.5832
Hunter-Lab	50.6092, 15.1079, 8.7198

Details

The Yxy color $25.6129, 0.3778, 0.3292$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $39.4090, 0.2705, 0.3289$, and the grayscale version is $26.5955, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7173, 0.3635, 0.3292$, and $9.9758, 0.4027, 0.3293$ is the 20% darker color. If you saturate the color by 10%, you get $21.0894, 0.4107, 0.3293$, and if you desaturate by 10%, it is $31.0276, 0.3510, 0.3291$.

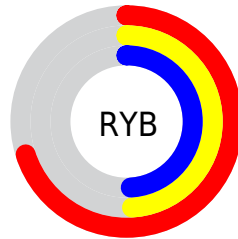
Distribution



Red (70%)

Green (49%)

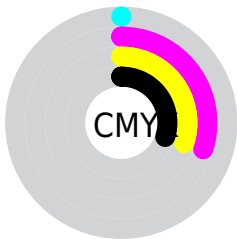
Blue (49%)



Red (70%)

Yellow (49%)

Blue (49%)

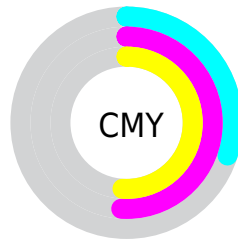


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (30%)



Cyan (30%)


Magenta (51%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6129, 0.3778, 0.3292 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 25.6129, 0.3778, 0.3292 by changing the saturation by 10% instead.


 25.6129, 0.3778,
0.3292


 25.6129, 0.3778,
0.3292


280.8766, 0.3417,
0.3298


 16.5343, 0.3882,
0.3287


 52.6498, 0.3637,
0.3296

 9.9030, 0.4024,
0.3278


 71.3769, 0.3587,
0.3297

 5.3347, 0.4232,
0.3261

 94.0888, 0.3546,
0.3298

 2.4449, 0.4562,
0.3223

121.1702, 0.3512,
0.3298

 0.8489, 0.5395,
0.3268

153.0052, 0.3483,
0.3298

 0.0000, 1.0000,
0.0000


189.9784, 0.3458,


 0.0000, 0.0000,


0.3298


0.0000


232.4740, 0.3436,
0.3298


 25.6129, 0.3778,
0.3292


 25.6129, 0.3778,
0.3292


 21.0894, 0.4107,
0.3293

 31.0276, 0.3510,
0.3291

 17.4062, 0.4502,
0.3294


 37.3739, 0.3296,
0.3291


 14.5123, 0.4952,
0.3296


 44.6941, 0.3124,
0.3290


 12.3504, 0.5427,
0.3297


 53.0266, 0.2986,
0.3290

 10.8548, 0.5867,
0.3298


 62.4080, 0.2875,
0.3289

 9.9485, 0.6198,
0.3299

 72.8730, 0.2784,
0.3289

 9.4744, 0.6396,
0.3300

 84.4547, 0.2711,
0.3289

 9.4647, 0.6401,
0.3300

 88.2042, 0.2691,
0.3289

Harmonies

Analogous

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



25.6129, 0.3485, 0.3000



25.6129, 0.3778, 0.3292



25.6129, 0.3884, 0.3600

Triad

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



25.6129, 0.3778, 0.3292



25.6129, 0.3115, 0.3883



25.6129, 0.2507, 0.2718

Complementary

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



25.6129, 0.3778, 0.3292



39.4090, 0.2705, 0.3289

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.



25.6129, 0.2424, 0.2912



25.6129, 0.3778, 0.3292



25.6129, 0.2761, 0.3602

Square

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



25.6129, 0.3778, 0.3292



25.6129, 0.3487, 0.3970



25.6129, 0.2513, 0.3234



25.6129, 0.2748, 0.2677

Rectangle

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



25.6129, 0.3778, 0.3292



25.6129, 0.3832, 0.3780



25.6129, 0.2513, 0.3234



25.6129, 0.2461, 0.2766

Sweetspot

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



25.6141, 0.3778, 0.3292



68.5479, 0.3284, 0.3291



27.3456, 0.3161, 0.2563



14.7914, 0.3312, 0.3291



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



25.6141, 0.3778, 0.3292



40.6631, 0.3996, 0.3293



33.2383, 0.3669, 0.3672



8.5055, 0.3287, 0.3291



6.7728, 0.6401, 0.3300



0.2132, 0.6400, 0.3300

Inverse Universe

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



39.4090, 0.2705, 0.3289



69.9074, 0.2622, 0.3288



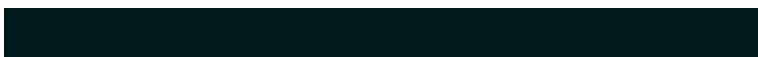
29.8675, 0.2659, 0.2874



9.6314, 0.2986, 0.3290



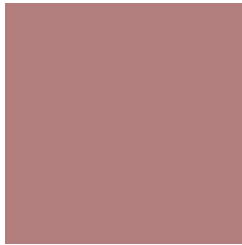
25.0751, 0.2246, 0.3287



0.7890, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 25.6129, 0.3778, 0.3292 looks on a white background.

Color Contrast Check

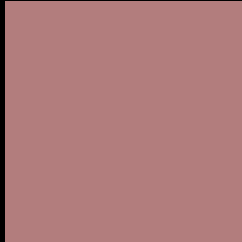
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6129, 0.3778, 0.3292 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 25.6129, 0.3778, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 25.6129, 0.3778, 0.3292.



This preview shows how white text looks on a background with the Yxy color 25.6129, 0.3778, 0.3292.

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

25.6129, 0.3778, 0.3292

Protanopia

25.6825, 0.3245, 0.3390

Deuteranopia

25.7494, 0.3527, 0.3467



Tritanopia

25.6925, 0.3694, 0.3161

Trichromacy



Original Color

25.6129, 0.3778, 0.3292

Protanomaly

25.4280, 0.3438, 0.3355

Deuteranomaly

25.6872, 0.3610, 0.3400

Tritanomaly

25.6107, 0.3732, 0.3204

Monochromacy



Original Color

25.6129, 0.3778, 0.3292

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.9472, 0.3343, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6129, 0.3778, 0.3292 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(178, 125, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 125, 125)  
}
```

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(178, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 125, 125) }
```

Border

The CSS property to change the border of an element to Yxy 25.6129, 0.3778, 0.3292 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(178, 125, 125) }
```

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

```
.border{ border-color:rgb(178, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(178, 125,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6129, 0.3778, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 125, 125) }
```

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

```
.background{ background-color: rgb(178,  
125, 125) }
```

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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