

Converting Colors

$Y_{xy}(25.4507, 0.4037, 0.3222)$

Have a look what the booklet for
Yxy(25.4507, 0.4037, 0.3222)
contains.

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Color

Yxy(25.4652, 0.4035, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	C1757A
RGB	193, 117, 122
RGB Percent	76%, 46%, 48%
CMY	0.2431, 0.5412, 0.5215
CMYK	0.00, 0.39, 0.37, 0.24
HSL	356°, 38%, 61%
HSV	356°, 39%, 76%
XYZ	31.8710, 25.4652, 21.6502
YIQ	140.2940, 43.6910, 17.6670

Conversions

Conversions Part 2

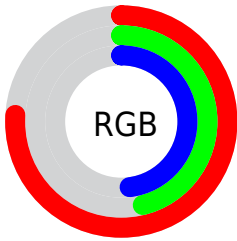
Format	Color
R_{YB}	193, 117, 122
Decimal	12678522
CIE Lab	57.53, 30.45, 10.03
CIE LCh	58, 32.057, 18.242
Yxy	25.4652, 0.4035, 0.3224
Android (android.graphics.Color)	4290868602 (0xFFC1757A)
YUV	140.2940, -9.0189, 46.2232
Hunter-Lab	50.4631, 24.4250, 9.8870

Details

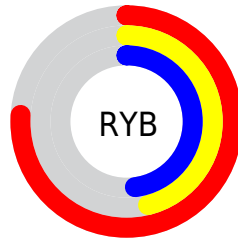
The Yxy color **25.4652, 0.4035, 0.3224** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **45.5621, 0.2618, 0.3361**, and the grayscale version is **26.3695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3147, 0.3838, 0.3249**, and **9.8137, 0.4388, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **21.0169, 0.4404, 0.3210**, and if you desaturate by 10%, it is **30.9262, 0.3729, 0.3241**.

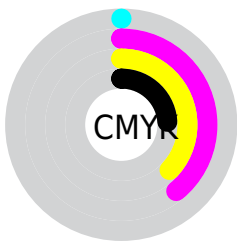
Distribution



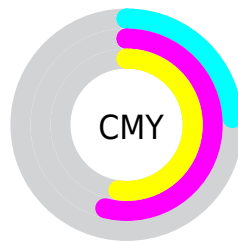
- Red (76%)
- Green (46%)
- Blue (48%)



- Red (76%)
- Yellow (46%)
- Blue (48%)



- Cyan (0%)
- Magenta (39%)
- Yellow (37%)
- Black (24%)





- Cyan (24%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4652, 0.4035, 0.3224 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 25.4652, 0.4035, 0.3224 by changing the saturation by 10% instead.


 25.4652, 0.4035,
0.3224


 25.4652, 0.4035,
0.3224


280.1468, 0.3531,
0.3273


 16.4240, 0.4179,
0.3205


 52.4109, 0.3839,
0.3246

 9.8247, 0.4377,
0.3175


 71.0842, 0.3769,
0.3253

 5.2829, 0.4663,
0.3125

 93.7370, 0.3712,
0.3258

 2.4142, 0.5109,
0.3029

120.7536, 0.3664,
0.3263

 0.8332, 0.6266,
0.2995

152.5185, 0.3623,
0.3266

 0.0000, 1.0000,
0.0000


189.4161, 0.3588,


 0.0000, 0.0000,


0.3269


0.0000


231.8307, 0.3558,
0.3271


 25.4652, 0.4035,
0.3224


 25.4652, 0.4035,
0.3224


 21.0169, 0.4404,
0.3210


 30.9262, 0.3729,
0.3241


 17.5155, 0.4829,
0.3201

 37.4530, 0.3480,
0.3258

 14.8935, 0.5288,
0.3201

 45.0992, 0.3279,
0.3275


 13.0727, 0.5731,
0.3212

 53.9140, 0.3118,
0.3291


 11.9614, 0.6093,
0.3237

 63.9435, 0.2989,
0.3305

 11.3972, 0.6324,
0.3263

 75.2314, 0.2885,
0.3319

 11.3687, 0.6334,
0.3263

 87.8191, 0.2800,
0.3331

 90.0804, 0.2768,
0.3289

Harmonies

Analogous

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



25.4652, 0.3577, 0.2835



25.4652, 0.4035, 0.3224



25.4652, 0.4222, 0.3653

Triad

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



25.4652, 0.4035, 0.3224



25.4652, 0.3160, 0.4206



25.4652, 0.2228, 0.2496

Complementary

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



25.4652, 0.4035, 0.3224



45.5621, 0.2618, 0.3361

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.



25.4652, 0.2142, 0.2778



25.4652, 0.4035, 0.3224



25.4652, 0.2649, 0.3811

Square

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



25.4652, 0.4035, 0.3224



25.4652, 0.3687, 0.4272



25.4652, 0.2286, 0.3257



25.4652, 0.2533, 0.2427

Rectangle

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



25.4652, 0.4035, 0.3224



25.4652, 0.4164, 0.3923



25.4652, 0.2286, 0.3257



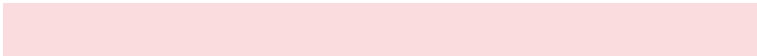
25.4652, 0.2174, 0.2566

Sweetspot

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



25.4665, 0.4035, 0.3224



76.7138, 0.3331, 0.3271



27.2574, 0.3118, 0.2315



16.0629, 0.3356, 0.3268



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



25.4665, 0.4035, 0.3224



38.8288, 0.4338, 0.3212



34.4176, 0.3921, 0.3737



10.0884, 0.3279, 0.3275



7.5640, 0.6319, 0.3255



0.3306, 0.6034, 0.3098

Inverse Universe

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



25.4665, 0.4035, 0.3224



38.8288, 0.4338, 0.3212



32.8005, 0.2513, 0.2789



10.0884, 0.3279, 0.3275



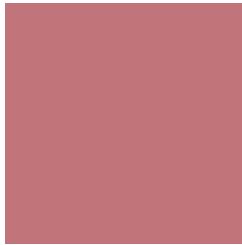
7.5640, 0.6319, 0.3255



0.3306, 0.6034, 0.3098

Previews

White Background



This preview shows how the Yxy color 25.4652, 0.4035, 0.3224 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 25.4652, 0.4035, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

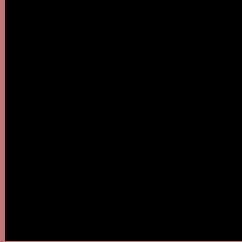
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4652, 0.4035, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 25.4652, 0.4035, 0.3224.



This preview shows how white text looks on a background with the Yxy color 25.4652, 0.4035, 0.3224.

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

25.4652, 0.4035, 0.3224

Protanopia

25.6212, 0.3223, 0.3374

Deuteranopia

25.4779, 0.3589, 0.3515



Tritanopia

25.3089, 0.4000, 0.3169

Trichromacy



Original Color

25.4652, 0.4035, 0.3224

Protanomaly

25.1273, 0.3506, 0.3307

Deuteranomaly

25.1927, 0.3746, 0.3398

Tritanomaly

25.2835, 0.4013, 0.3183

Monochromacy



Original Color

25.4652, 0.4035, 0.3224

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.5669, 0.3431, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4652, 0.4035, 0.3224 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(193, 117, 122)` looks like.

```
.text, #text, p{  
    color:rgb(193, 117, 122)  
}
```

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(193, 117, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 117, 122) }
```

Border

The CSS property to change the border of an element to Yxy 25.4652, 0.4035, 0.3224 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(193, 117, 122) }
```

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

```
.border{ border-color:rgb(193, 117, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 117, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 117, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 117, 122);  
box-shadow:4px 4px 4px 4px rgb(193, 117,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4652, 0.4035, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 117, 122) }
```

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

```
.background{ background-color: rgb(193,  
117, 122) }
```

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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