

Converting Colors

$Yxy(24.7437, 0.4106, 0.3222)$

Have a look what the booklet for
Yxy(24.7437, 0.4106, 0.3222)
contains.

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Color

Yxy(24.8359, 0.4103, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	C27277
RGB	194, 114, 119
RGB Percent	76%, 45%, 47%
CMY	0.2392, 0.5529, 0.5334
CMYK	0.00, 0.41, 0.39, 0.24
HSL	356°, 40%, 60%
HSV	356°, 41%, 76%
XYZ	31.5974, 24.8359, 20.5772
YIQ	138.4900, 46.0750, 18.5150

Conversions

Conversions Part 2

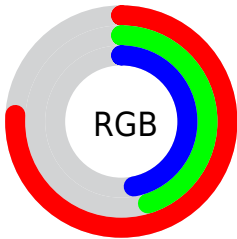
Format	Color
RYB	194, 114, 119
Decimal	12743287
CIELab	56.92, 32.08, 10.94
CIELCh	57, 33.896, 18.835
Yxy	24.8359, 0.4103, 0.3225
Android (android.graphics.Color)	4290933367 (0xFFC27277)
YUV	138.4900, -9.6086, 48.6823
Hunter-Lab	49.8356, 25.9625, 10.4040

Details

The Yxy color **24.8359, 0.4103, 0.3225** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **45.8426, 0.2597, 0.3361**, and the grayscale version is **25.6373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4604, 0.3895, 0.3250**, and **9.5250, 0.4474, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **20.5188, 0.4485, 0.3212**, and if you desaturate by 10%, it is **30.1673, 0.3784, 0.3241**.

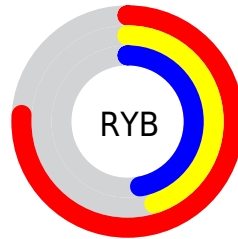
Distribution



Red (76%)

Green (45%)

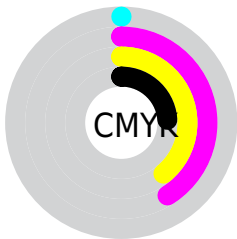
Blue (47%)



Red (76%)

Yellow (45%)

Blue (47%)

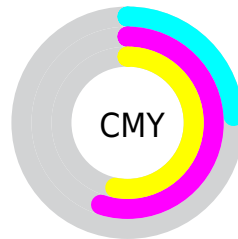


Cyan (0%)

Magenta (41%)

Yellow (39%)

Black (24%)



Cyan (24%)


Magenta (55%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8359, 0.4103, 0.3225 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 24.8359, 0.4103, 0.3225 by changing the saturation by 10% instead.


 24.8359, 0.4103,
0.3225


 24.8359, 0.4103,
0.3225


277.0197, 0.3559,
0.3275


 15.9548, 0.4260,
0.3204


 51.3909, 0.3891,
0.3249

 9.4922, 0.4474,
0.3172


 69.8336, 0.3816,
0.3256

 5.0636, 0.4785,
0.3116


 92.2323, 0.3754,
0.3261

 2.2846, 0.5270,
0.3008

 118.9714, 0.3702,
0.3265

 0.7656, 0.6713,
0.3017

150.4353, 0.3658,
0.3269

 0.0000, 1.0000,
0.0000

187.0084, 0.3621,

 0.0000, 0.0000,

0.3271

0.0000

229.0751, 0.3588,
0.3273

■ 24.8359, 0.4103,
0.3225

■ 24.8359, 0.4103,
0.3225

■ 20.5188, 0.4485,
0.3212

■ 30.1673, 0.3784,
0.3241

■ 17.1484, 0.4921,
0.3205

■ 36.5678, 0.3523,
0.3257

■ 14.6546, 0.5382,
0.3207


■ 44.0925, 0.3314,
0.3273

■ 12.9559, 0.5816,
0.3221

■ 52.7918, 0.3146,
0.3288


■ 11.9559, 0.6153,
0.3246

■ 62.7130, 0.3010,
0.3302

 11.4981, 0.6339,
0.3265

 73.9008, 0.2901,
0.3315

 86.3976, 0.2813,
0.3326

 90.2113, 0.2773,
0.3289

Harmonies

Analogous

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



24.8359, 0.3617, 0.2814



24.8359, 0.4103, 0.3225



24.8359, 0.4294, 0.3678

Triad

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



24.8359, 0.4103, 0.3225



24.8359, 0.3146, 0.4268



24.8359, 0.2179, 0.2443

Complementary

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



24.8359, 0.4103, 0.3225



45.8426, 0.2597, 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.



24.8359, 0.2084, 0.2734



24.8359, 0.4103, 0.3225



24.8359, 0.2607, 0.3836

Square

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



24.8359, 0.4103, 0.3225



24.8359, 0.3708, 0.4339



24.8359, 0.2229, 0.3240



24.8359, 0.2504, 0.2377

Rectangle

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



24.8359, 0.4103, 0.3225



24.8359, 0.4225, 0.3964



24.8359, 0.2229, 0.3240



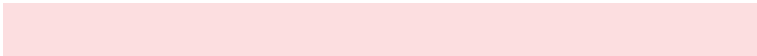
24.8359, 0.2121, 0.2514

Sweetspot

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



24.8371, 0.4103, 0.3225



78.4893, 0.3332, 0.3272



26.7079, 0.3117, 0.2270



16.7695, 0.3358, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



24.8371, 0.4103, 0.3225



38.2049, 0.4425, 0.3214



34.0774, 0.3969, 0.3759



10.0878, 0.3279, 0.3276



7.5627, 0.6324, 0.3257



0.3303, 0.6053, 0.3108

Inverse Universe

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



24.8371, 0.4103, 0.3225



38.2049, 0.4425, 0.3214



32.3867, 0.2484, 0.2761



10.0878, 0.3279, 0.3276



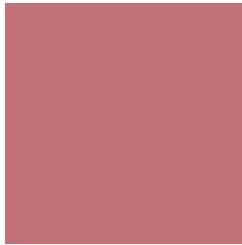
7.5627, 0.6324, 0.3257



0.3303, 0.6053, 0.3108

Previews

White Background



This preview shows how the Yxy color 24.8359, 0.4103, 0.3225 looks on a white background.

Color Contrast Check

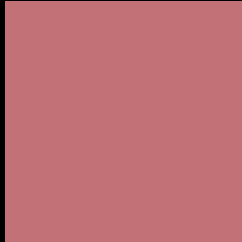
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8359, 0.4103, 0.3225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

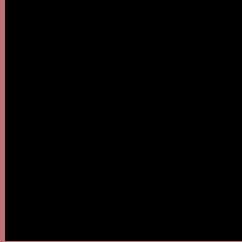
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8359, 0.4103, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 24.8359, 0.4103, 0.3225.



This preview shows how white text looks on a background with the Yxy color 24.8359, 0.4103, 0.3225.

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

24.8359, 0.4103, 0.3225

Protanopia

24.9097, 0.3236, 0.3375

Deuteranopia

25.0326, 0.3615, 0.3548



Tritanopia

24.9091, 0.4062, 0.3184

Trichromacy



Original Color

24.8359, 0.4103, 0.3225

Protanomaly

24.4442, 0.3524, 0.3307

Deuteranomaly

24.6095, 0.3792, 0.3414

Tritanomaly

24.8844, 0.4076, 0.3198

Monochromacy



Original Color

24.8359, 0.4103, 0.3225

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.6083, 0.3450, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8359, 0.4103, 0.3225 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(194, 114, 119)` looks like.

```
.text, #text, p{  
    color:rgb(194, 114, 119)  
}
```

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(194, 114, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 114, 119) }
```

Border

The CSS property to change the border of an element to Yxy 24.8359, 0.4103, 0.3225 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(194, 114, 119) }
```

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

```
.border{ border-color:rgb(194, 114, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 114, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 114, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 114, 119);  
box-shadow:4px 4px 4px 4px rgb(194, 114,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8359, 0.4103, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 114, 119) }
```

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

```
.background{ background-color: rgb(194,  
114, 119) }
```

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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