

Converting Colors

$Y_{xy}(24.2180, 0.4406, 0.3011)$

Have a look what the booklet for
Yxy(24.2180, 0.4406, 0.3011)
contains.

Yxy(24.2260, 0.4400, 0.3006)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.2260, 0.4400, 0.3006)

Conversions

Conversions Part 1

Format	Color
Hex	D66179
RGB	214, 97, 121
RGB Percent	84%, 38%, 47%
CMY	0.1608, 0.6196, 0.5254
CMYK	0.00, 0.55, 0.43, 0.16
HSL	348°, 59%, 61%
HSV	348°, 55%, 84%
XYZ	35.4605, 24.2260, 20.9056
YIQ	134.7190, 62.0280, 32.2680

Conversions

Conversions Part 2

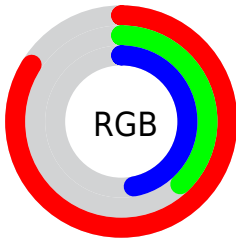
Format	Color
R _Y B	214, 97, 121
Decimal	14049657
CIE Lab	56.31, 48.25, 9.30
CIE LCh	56, 49.140, 10.907
Yxy	24.2260, 0.4400, 0.3006
Android (android.graphics.Color)	4292239737 (0xFFD66179)
YUV	134.7190, -6.7635, 69.5294
Hunter-Lab	49.2199, 42.4657, 9.2712

Details

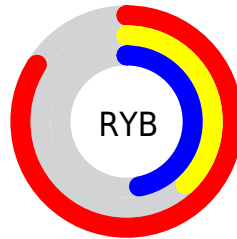
The Yxy color **24.2260, 0.4400, 0.3006** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **54.3548, 0.2555, 0.3629**, and the grayscale version is **24.1282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4103, 0.3948, 0.3061**, and **9.1774, 0.4868, 0.2867** is the 20% darker color. If you saturate the color by 10%, you get **20.4106, 0.4786, 0.2979**, and if you desaturate by 10%, it is **29.1840, 0.4060, 0.3050**.

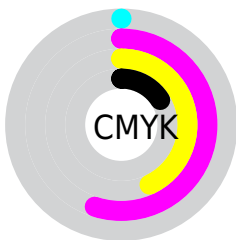
Distribution



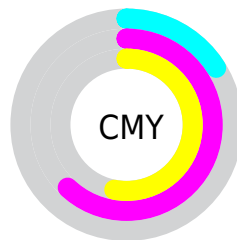
- Red (84%)
- Green (38%)
- Blue (47%)



- Red (84%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (55%)
- Yellow (43%)
- Black (16%)



- Cyan (16%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2260, 0.4400, 0.3006 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 24.2260, 0.4400, 0.3006 by changing the saturation by 10% instead.


 24.2260, 0.4400,
0.3006


 24.2260, 0.4400,
0.3006


273.9611, 0.3692,
0.3180

 15.5014, 0.4602,
0.2950


 50.3987, 0.4124,
0.3078

 9.1720, 0.4878,
0.2869

 68.6156, 0.4026,
0.3102

 4.8535, 0.5273,
0.2743

 90.7654, 0.3946,
0.3122

 2.1616, 0.5874,
0.2532

 117.2324, 0.3878,
0.3138

 0.6989, 0.7388,
0.2254

148.4011, 0.3821,
0.3151

 0.0000, 1.0000,
0.0000

184.6559, 0.3772,

 0.0000, 0.0000,

0.3162

0.0000

226.3810, 0.3729,
0.3172

■ 24.2260, 0.4400,
0.3006

■ 24.2260, 0.4400,
0.3006

■ 20.4106, 0.4786,
0.2979

■ 29.1840, 0.4060,
0.3050

■ 17.6423, 0.5197,
0.2979

■ 35.3624, 0.3774,
0.3103

■ 15.8160, 0.5596,
0.3013

■ 42.8369, 0.3537,
0.3159

■ 14.8029, 0.5934,
0.3082

■ 51.6757, 0.3345,
0.3214

■ 14.4788, 0.6081,
0.3124

■ 61.9422, 0.3189,
0.3267

■ 73.6959, 0.3063,
0.3315

■ 86.9930, 0.2961,
0.3360

■ 93.0373, 0.2883,
0.3289

Harmonies

Analogous

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



24.2260, 0.3597, 0.2495



24.2260, 0.4400, 0.3006



24.2260, 0.4798, 0.3601

Triad

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



24.2260, 0.4400, 0.3006



24.2260, 0.3324, 0.4849



24.2260, 0.1753, 0.2162

Complementary

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



24.2260, 0.4400, 0.3006



54.3548, 0.2555, 0.3629

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.



24.2260, 0.1702, 0.2619



24.2260, 0.4400, 0.3006



24.2260, 0.2541, 0.4337

Square

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



24.2260, 0.4400, 0.3006



24.2260, 0.4096, 0.4720



24.2260, 0.1962, 0.3419



24.2260, 0.2100, 0.2023

Rectangle

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



24.2260, 0.4400, 0.3006



24.2260, 0.4758, 0.4011



24.2260, 0.1962, 0.3419



24.2260, 0.1703, 0.2276

Sweetspot

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



24.2273, 0.4400, 0.3006



74.7595, 0.3371, 0.3206



24.1790, 0.2919, 0.1892



15.3939, 0.3409, 0.3195



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.



24.2273, 0.4400, 0.3006



29.4150, 0.4866, 0.2976



31.1654, 0.4491, 0.3693



12.4621, 0.3259, 0.3242



8.7630, 0.6048, 0.3105



0.5407, 0.5564, 0.2839

Inverse Universe

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



24.2273, 0.4400, 0.3006



29.4150, 0.4866, 0.2976



40.3852, 0.2337, 0.2812



12.4621, 0.3259, 0.3242



8.7630, 0.6048, 0.3105



0.5407, 0.5564, 0.2839

Previews

White Background



This preview shows how the Yxy color 24.2260, 0.4400, 0.3006 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 24.2260, 0.4400, 0.3006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

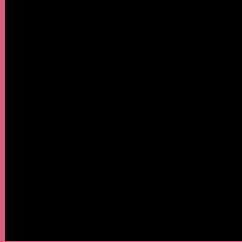
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2260, 0.4400, 0.3006

Background



This preview shows how black text looks on a background with the Yxy color 24.2260, 0.4400, 0.3006.



This preview shows how white text looks on a background with the Yxy color 24.2260, 0.4400, 0.3006.

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

24.2260, 0.4400, 0.3006

Protanopia

24.5152, 0.3066, 0.3172

Deuteranopia

24.2941, 0.3599, 0.3519



Tritanopia

24.3011, 0.4589, 0.3223

Trichromacy



Original Color

24.2260, 0.4400, 0.3006

Protanomaly

23.2885, 0.3508, 0.3089

Deuteranomaly

23.6120, 0.3887, 0.3292

Tritanomaly

24.2175, 0.4523, 0.3150

Monochromacy



Original Color

24.2260, 0.4400, 0.3006

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.1790, 0.3558, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2260, 0.4400, 0.3006 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(214, 97, 121)` looks like.

```
.text, #text, p{  
    color:rgb(214, 97, 121)  
}
```

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(214, 97, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 97, 121) }
```

Border

The CSS property to change the border of an element to Yxy 24.2260, 0.4400, 0.3006 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(214, 97, 121) }
```

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

```
.border{ border-color:rgb(214, 97, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 97, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 97, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 97, 121);  
box-shadow:4px 4px 4px 4px rgb(214, 97,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2260, 0.4400, 0.3006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 97, 121) }
```

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

```
.background{ background-color: rgb(214, 97,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor