

Converting Colors

$Y_{xy}(22.8903, 0.4731, 0.3249)$

Have a look what the booklet for
Yxy(22.8903, 0.4731, 0.3249)
contains.

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Color

Yxy(22.8843, 0.4735, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	D45E62
RGB	212, 94, 98
RGB Percent	83%, 37%, 38%
CMY	0.1686, 0.6314, 0.6157
CMYK	0.00, 0.56, 0.54, 0.17
HSL	358°, 58%, 60%
HSV	358°, 56%, 83%
XYZ	33.3612, 22.8843, 14.2111
YIQ	129.7380, 69.0440, 26.2600

Conversions

Conversions Part 2

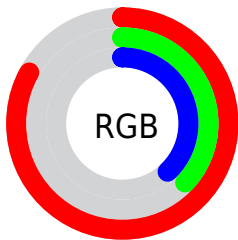
Format	Color
R_{YB}	212, 94, 98
Decimal	13917794
CIE _{Lab}	54.95, 46.87, 20.88
CIE _{LCh}	55, 51.309, 24.016
Yxy	22.8843, 0.4735, 0.3248
Android (android.graphics.Color)	4292107874 (0xFFD45E62)
YUV	129.7380, -15.6468, 72.1438
Hunter-Lab	47.8375, 40.7676, 15.8730

Details

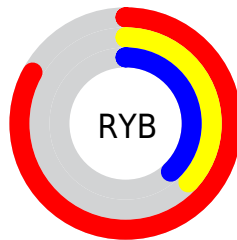
The Yxy color **22.8843, 0.4735, 0.3248** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **54.0283, 0.2447, 0.3343**, and the grayscale version is **22.2637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6097, 0.4213, 0.3283**, and **8.4409, 0.5328, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **19.2803, 0.5202, 0.3247**, and if you desaturate by 10%, it is **27.6251, 0.4311, 0.3253**.

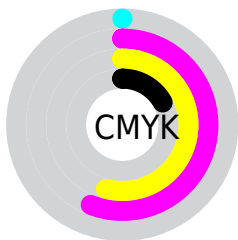
Distribution



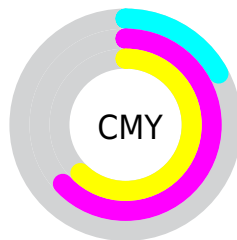
- Red (83%)
- Green (37%)
- Blue (38%)



- Red (83%)
- Yellow (37%)
- Blue (38%)



- Cyan (0%)
- Magenta (56%)
- Yellow (54%)
- Black (17%)





- Cyan (17%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8843, 0.4735, 0.3248 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 22.8843, 0.4735, 0.3248 by changing the saturation by 10% instead.


 22.8843, 0.4735,
0.3248


 22.8843, 0.4735,
0.3248


267.1302, 0.3832,
0.3314


 14.5081, 0.4992,
0.3210


 48.2033, 0.4383,
0.3286

 8.4749, 0.5339,
0.3144


 65.9148, 0.4258,
0.3296

 4.4003, 0.5826,
0.3024

 87.5070, 0.4155,
0.3303

 1.8999, 0.6652,
0.2837

 113.3641, 0.4069,
0.3307

 0.5483, 0.7817,
0.2183

143.8706, 0.3996,
0.3310

 0.0000, 1.0000,
0.0000

179.4108, 0.3934,

 0.0000, 0.0000,

0.3312

0.0000

220.3692, 0.3880,
0.3313

■ 22.8843, 0.4735,
0.3248

■ 22.8843, 0.4735,
0.3248

■ 19.2803, 0.5202,
0.3247

■ 27.6251, 0.4311,
0.3253

■ 16.7146, 0.5664,
0.3253

■ 33.5830, 0.3949,
0.3260

■ 15.0783, 0.6053,
0.3265

■ 40.8354, 0.3651,
0.3269

■ 14.2361, 0.6304,
0.3281

■ 49.4523, 0.3411,
0.3277

■ 14.0148, 0.6371,
0.3283

■ 59.4986, 0.3218,
0.3286

■ 71.0351, 0.3065,
0.3293

■ 84.1190, 0.2941,
0.3300

■ 92.7390, 0.2872,
0.3289

Harmonies

Analogous

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



22.8843, 0.4029, 0.2668



22.8843, 0.4735, 0.3248



22.8843, 0.4896, 0.3885

Triad

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



22.8843, 0.4735, 0.3248



22.8843, 0.2950, 0.4809



22.8843, 0.1803, 0.2000

Complementary

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



22.8843, 0.4735, 0.3248



54.0283, 0.2447, 0.3343

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.



22.8843, 0.1614, 0.2319



22.8843, 0.4735, 0.3248



22.8843, 0.2197, 0.3997

Square

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



22.8843, 0.4735, 0.3248



22.8843, 0.3798, 0.4940



22.8843, 0.1736, 0.3008



22.8843, 0.2299, 0.1984

Rectangle

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



22.8843, 0.4735, 0.3248



22.8843, 0.4692, 0.4311



22.8843, 0.1736, 0.3008



22.8843, 0.1706, 0.2069

Sweetspot

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



22.8855, 0.4735, 0.3248



72.9822, 0.3444, 0.3276



25.8969, 0.3125, 0.1956



15.0298, 0.3490, 0.3274



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.



22.8855, 0.4735, 0.3248



28.3609, 0.5298, 0.3248



35.7070, 0.4368, 0.3936



12.4275, 0.3286, 0.3283



8.6538, 0.6362, 0.3278



0.5244, 0.6240, 0.3211

Inverse Universe

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



22.8855, 0.4735, 0.3248



28.3609, 0.5298, 0.3248



31.8976, 0.2262, 0.2498



12.4275, 0.3286, 0.3283



8.6538, 0.6362, 0.3278



0.5244, 0.6240, 0.3211

Previews

White Background



This preview shows how the Yxy color 22.8843, 0.4735, 0.3248 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 22.8843, 0.4735, 0.3248 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 22.8843, 0.4735, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 22.8843, 0.4735, 0.3248.



This preview shows how white text looks on a background with the Yxy color 22.8843, 0.4735, 0.3248.

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

22.8843, 0.4735, 0.3248

Protanopia

23.1668, 0.3372, 0.3570

Deuteranopia

22.8801, 0.3906, 0.3828



Tritanopia

22.9226, 0.4706, 0.3224

Trichromacy



Original Color

22.8843, 0.4735, 0.3248

Protanomaly

22.0603, 0.3854, 0.3434

Deuteranomaly

22.2080, 0.4218, 0.3573

Tritanomaly

22.9033, 0.4720, 0.3236

Monochromacy



Original Color

22.8843, 0.4735, 0.3248

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.5042, 0.3675, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8843, 0.4735, 0.3248 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(212, 94, 98)` looks like.

```
.text, #text, p{  
    color:rgb(212, 94, 98)  
}
```

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(212, 94, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 94, 98) }
```

Border

The CSS property to change the border of an element to Yxy 22.8843, 0.4735, 0.3248 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(212, 94, 98) }
```

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

```
.border{ border-color:rgb(212, 94, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 94, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 94, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 94, 98);  
box-shadow:4px 4px 4px 4px rgb(212, 94,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8843, 0.4735, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 94, 98) }
```

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

```
.background{ background-color: rgb(212, 94,  
98) }
```

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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