

Converting Colors

$Y_{xy}(24.2591, 0.4831, 0.3229)$

Have a look what the booklet for
Yxy(24.2591, 0.4831, 0.3229)
contains.

Yxy(24.2591, 0.4831, 0.3229)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.2591, 0.4831, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	DE5D63
RGB	222, 93, 99
RGB Percent	87%, 36%, 39%
CMY	0.1293, 0.6353, 0.6117
CMYK	0.00, 0.58, 0.55, 0.13
HSL	357°, 66%, 62%
HSV	357°, 58%, 87%
XYZ	36.2947, 24.2591, 14.5750
YIQ	132.2550, 74.9580, 29.2140

Conversions

Conversions Part 2

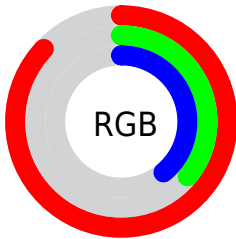
Format	Color
R_{YB}	222, 93, 99
Decimal	14572899
CIE Lab	56.35, 50.91, 22.43
CIE LCh	56, 55.631, 23.774
Yxy	24.2591, 0.4831, 0.3229
Android (android.graphics.Color)	4292762979 (0xFFDE5D63)
YUV	132.2550, -16.3947, 78.7064
Hunter-Lab	49.2535, 45.3423, 16.9325

Details

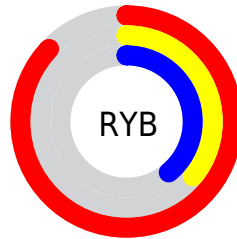
The Yxy color **24.2591, 0.4831, 0.3229** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted rose. A complement of this color would be **59.5362, 0.2435, 0.3368**, and the grayscale version is **23.2110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.6418, 0.4203, 0.3272**, and **9.1572, 0.5433, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **20.5598, 0.5299, 0.3229**, and if you desaturate by 10%, it is **29.1981, 0.4397, 0.3235**.

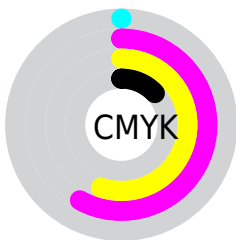
Distribution



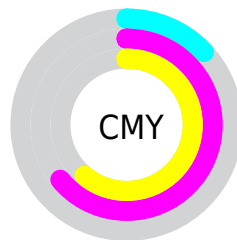
- Red (87%)
- Green (36%)
- Blue (39%)



- Red (87%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (58%)
- Yellow (55%)
- Black (13%)





- Cyan (13%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2591, 0.4831, 0.3229 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 24.2591, 0.4831, 0.3229 by changing the saturation by 10% instead.


 24.2591, 0.4831,
0.3229


 24.2591, 0.4831,
0.3229


274.1278, 0.3884,
0.3310

 15.5259, 0.5095,
0.3186


 50.4527, 0.4465,
0.3274

 9.1893, 0.5448,
0.3113


 68.6819, 0.4334,
0.3286

 4.8649, 0.5934,
0.2985

 90.8452, 0.4226,
0.3294

 2.1682, 0.6710,
0.2775

 117.3271, 0.4135,
0.3300

 0.7026, 0.7755,
0.2245

148.5119, 0.4058,
0.3304

 0.0000, 1.0000,
0.0000

184.7840, 0.3992,

 0.0000, 0.0000,

0.3307

0.0000

226.5279, 0.3935,
0.3309

■ 24.2591, 0.4831,
0.3229

■ 24.2591, 0.4831,
0.3229

■ 20.5598, 0.5299,
0.3229

■ 29.1981, 0.4397,
0.3235

■ 17.9867, 0.5751,
0.3238

■ 35.4693, 0.4023,
0.3245

■ 16.4126, 0.6114,
0.3256

■ 43.1609, 0.3713,
0.3257

■ 15.6557, 0.6334,
0.3278

■ 52.3526, 0.3462,
0.3269

■ 15.5549, 0.6362,
0.3278

■ 63.1180, 0.3260,
0.3281

■ 75.5261, 0.3099,
0.3292

■ 89.6415, 0.2970,
0.3302

■ 94.2722, 0.2929,
0.3289

Harmonies

Analogous

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



24.2591, 0.4076, 0.2628



24.2591, 0.4831, 0.3229



24.2591, 0.4996, 0.3892

Triad

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



24.2591, 0.4831, 0.3229



24.2591, 0.2936, 0.4923



24.2591, 0.1734, 0.1934

Complementary

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



24.2591, 0.4831, 0.3229



59.5362, 0.2435, 0.3368

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.



24.2591, 0.1540, 0.2263



24.2591, 0.4831, 0.3229



24.2591, 0.2145, 0.4053

Square

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



24.2591, 0.4831, 0.3229



24.2591, 0.3827, 0.5036



24.2591, 0.1665, 0.2990



24.2591, 0.2247, 0.1919

Rectangle

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



24.2591, 0.4831, 0.3229



24.2591, 0.4775, 0.4342



24.2591, 0.1665, 0.2990



24.2591, 0.1635, 0.2005

Sweetspot

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



24.2604, 0.4831, 0.3229



73.0104, 0.3440, 0.3270



27.6349, 0.3124, 0.1906



15.0363, 0.3485, 0.3268



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.



24.2604, 0.4831, 0.3229



27.1511, 0.5413, 0.3231



38.4727, 0.4444, 0.3960



13.7108, 0.3285, 0.3279



9.2422, 0.6349, 0.3271



0.6443, 0.6201, 0.3189

Inverse Universe

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



24.2604, 0.4831, 0.3229



27.1511, 0.5413, 0.3231



34.1365, 0.2225, 0.2453



13.7108, 0.3285, 0.3279



9.2422, 0.6349, 0.3271



0.6443, 0.6201, 0.3189

Previews

White Background



This preview shows how the Yxy color 24.2591, 0.4831, 0.3229 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 24.2591, 0.4831, 0.3229 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 24.2591, 0.4831, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 24.2591, 0.4831, 0.3229.



This preview shows how white text looks on a background with the Yxy color 24.2591, 0.4831, 0.3229.

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

24.2591, 0.4831, 0.3229

Protanopia

24.3867, 0.3390, 0.3581

Deuteranopia

24.4370, 0.3942, 0.3875



Tritanopia

24.2591, 0.4831, 0.3229

Trichromacy



Original Color

24.2591, 0.4831, 0.3229

Protanomaly

23.2386, 0.3894, 0.3430

Deuteranomaly

23.7392, 0.4281, 0.3605

Tritanomaly

24.2591, 0.4831, 0.3229

Monochromacy



Original Color

24.2591, 0.4831, 0.3229

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.3123, 0.3709, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2591, 0.4831, 0.3229 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(222, 93, 99)` looks like.

```
.text, #text, p{  
    color:rgb(222, 93, 99)  
}
```

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(222, 93, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 93, 99) }
```

Border

The CSS property to change the border of an element to Yxy 24.2591, 0.4831, 0.3229 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(222, 93, 99) }
```

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

```
.border{ border-color:rgb(222, 93, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 93, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 93, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 93, 99);  
box-shadow:4px 4px 4px 4px rgb(222, 93,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2591, 0.4831, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 93, 99) }
```

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

```
.background{ background-color: rgb(222, 93,  
99) }
```

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