

Converting Colors

$Y_{xy}(25.7000, 0.4799, 0.3339)$

Have a look what the booklet for
Yxy(25.7000, 0.4799, 0.3339)
contains.

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Color

Yxy(25.7000, 0.4799, 0.3339)

Conversions

Conversions Part 1

Format	Color
Hex	DE6561
RGB	222, 101, 97
RGB Percent	87%, 40%, 38%
CMY	0.1294, 0.6039, 0.6195
CMYK	0.00, 0.55, 0.56, 0.13
HSL	2°, 65%, 63%
HSV	2°, 56%, 87%
XYZ	36.9375, 25.7000, 14.3317
YIQ	136.7230, 73.4000, 24.4080

Conversions

Conversions Part 2

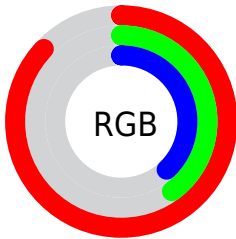
Format	Color
R _Y B	222, 101, 97
Decimal	14574945
CIE Lab	57.75, 46.98, 25.42
CIE LCh	58, 53.420, 28.416
Yxy	25.7000, 0.4799, 0.3339
Android (android.graphics.Color)	4292765025 (0xFFDE6561)
YUV	136.7230, -19.5834, 74.7879
Hunter-Lab	50.6952, 41.3421, 18.7252

Details

The Yxy color **25.7000, 0.4799, 0.3339** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **57.9794, 0.2411, 0.3235**, and the grayscale version is **24.9624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8408, 0.4191, 0.3367**, and **9.9534, 0.5388, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **21.7009, 0.5270, 0.3342**, and if you desaturate by 10%, it is **30.9091, 0.4365, 0.3332**.

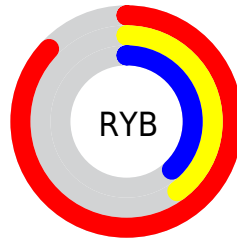
Distribution



Red (87%)

Green (40%)

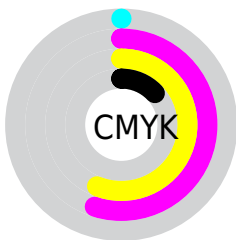
Blue (38%)



Red (87%)

Yellow (40%)

Blue (38%)

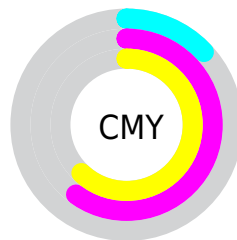


Cyan (0%)

Magenta (55%)

Yellow (56%)

Black (13%)



Cyan (13%)

Magenta (60%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7000, 0.4799, 0.3339 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 25.7000, 0.4799, 0.3339 by changing the saturation by 10% instead.


 25.7000, 0.4799,
0.3339

 25.7000, 0.4799,
0.3339

281.3063, 0.3878,
0.3363


 16.5993, 0.5052,
0.3310


 52.7906, 0.4446,
0.3363


 9.9492, 0.5387,
0.3257


 71.5493, 0.4318,
0.3367

 5.3653, 0.5844,
0.3155

 94.2961, 0.4213,
0.3369

 2.4632, 0.6574,
0.2987

 121.4155, 0.4125,
0.3369

 0.8581, 0.7470,
0.2530

153.2918, 0.4049,
0.3368

 0.0000, 1.0000,
0.0000

190.3095, 0.3984,

 0.0000, 0.0000,

0.3366

0.0000

232.8528, 0.3928,
0.3365

■ 25.7000, 0.4799,
0.3339

■ 25.7000, 0.4799,
0.3339

■ 21.7009, 0.5270,
0.3342

■ 30.9091, 0.4365,
0.3332

■ 18.8108, 0.5728,
0.3339

■ 37.4105, 0.3992,
0.3323

■ 16.9191, 0.6102,
0.3329

■ 45.2842, 0.3683,
0.3314

■ 15.8902, 0.6330,
0.3315

■ 54.6024, 0.3433,
0.3304

■ 15.6829, 0.6382,
0.3314

■ 65.4323, 0.3233,
0.3295

■ 77.8369, 0.3071,
0.3287

■ 91.8757, 0.2942,
0.3280

■ 94.2700, 0.2929,
0.3289

Harmonies

Analogous

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



25.7000, 0.4159, 0.2746



25.7000, 0.4799, 0.3339



25.7000, 0.4872, 0.3980

Triad

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



25.7000, 0.4799, 0.3339



25.7000, 0.2828, 0.4729



25.7000, 0.1854, 0.1978

Complementary

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



25.7000, 0.4799, 0.3339



57.9794, 0.2411, 0.3235

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.



25.7000, 0.1621, 0.2249



25.7000, 0.4799, 0.3339



25.7000, 0.2107, 0.3848

Square

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



25.7000, 0.4799, 0.3339



25.7000, 0.3677, 0.4967



25.7000, 0.1696, 0.2882



25.7000, 0.2397, 0.2002

Rectangle

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



25.7000, 0.4799, 0.3339



25.7000, 0.4622, 0.4402



25.7000, 0.1696, 0.2882



25.7000, 0.1743, 0.2033

Sweetspot

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



25.7014, 0.4799, 0.3339



73.5972, 0.3452, 0.3305



29.2491, 0.3210, 0.1985



15.1724, 0.3500, 0.3307



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.



25.7014, 0.4799, 0.3339



28.6961, 0.5376, 0.3342



42.0944, 0.4328, 0.4036



13.7698, 0.3291, 0.3298



9.3455, 0.6376, 0.3319



0.6728, 0.6306, 0.3375

Inverse Universe

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



57.9794, 0.2411, 0.3235



77.0553, 0.2322, 0.3222



32.0793, 0.2224, 0.2358



15.4938, 0.2982, 0.3282



32.0197, 0.2220, 0.3191



2.2432, 0.2224, 0.3207

Previews

White Background



This preview shows how the Yxy color 25.7000, 0.4799, 0.3339 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 25.7000, 0.4799, 0.3339 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 25.7000, 0.4799, 0.3339

Background



This preview shows how black text looks on a background with the Yxy color 25.7000, 0.4799, 0.3339.



This preview shows how white text looks on a background with the Yxy color 25.7000, 0.4799, 0.3339.

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

25.7000, 0.4799, 0.3339

Protanopia

25.8832, 0.3481, 0.3707

Deuteranopia

25.7459, 0.4005, 0.3934



Tritanopia

25.8429, 0.4694, 0.3227

Trichromacy



Original Color

25.7000, 0.4799, 0.3339

Protanomaly

24.7486, 0.3942, 0.3548

Deuteranomaly

25.0299, 0.4311, 0.3682

Tritanomaly

25.7816, 0.4736, 0.3261

Monochromacy



Original Color

25.7000, 0.4799, 0.3339

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.1453, 0.3697, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7000, 0.4799, 0.3339 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, 101, 97)` looks like.

```
.text, #text, p{  
    color:rgb(222, 101, 97)  
}
```

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, 101, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 101, 97) }
```

Border

The CSS property to change the border of an element to Yxy 25.7000, 0.4799, 0.3339 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, 101, 97) }
```

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

```
.border{ border-color:rgb(222, 101, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 101, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 101, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 101, 97);  
box-shadow:4px 4px 4px 4px rgb(222, 101,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7000, 0.4799, 0.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 101, 97) }
```

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

```
.background{ background-color: rgb(222,  
101, 97) }
```

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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