

Converting Colors

$Y_{xy}(27.1701, 0.4664, 0.3391)$

Have a look what the booklet for
Yxy(27.1701, 0.4664, 0.3391)
contains.

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Color

Yxy(27.0925, 0.4667, 0.3387)

Conversions

Conversions Part 1

Format	Color
Hex	DC6D65
RGB	220, 109, 101
RGB Percent	86%, 43%, 40%
CMY	0.1373, 0.5725, 0.6040
CMYK	0.00, 0.50, 0.54, 0.14
HSL	4°, 63%, 63%
HSV	4°, 54%, 86%
XYZ	37.3312, 27.0925, 15.5660
YIQ	141.2770, 68.7240, 21.0440

Conversions

Conversions Part 2

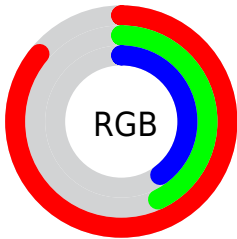
Format	Color
R_{YB}	220, 110, 101
Decimal	14445925
CIE Lab	59.06, 42.63, 24.84
CIE LCh	59, 49.342, 30.223
Yxy	27.0925, 0.4667, 0.3387
Android (android.graphics.Color)	4292636005 (0xFFDC6D65)
YUV	141.2770, -19.8566, 69.0401
Hunter-Lab	52.0505, 36.9339, 18.7043

Details

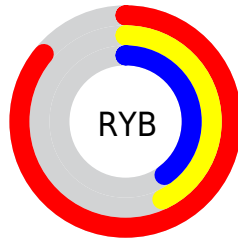
The Yxy color **27.0925, 0.4667, 0.3387** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **54.9979, 0.2418, 0.3180**, and the grayscale version is **26.8102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.7214, 0.4114, 0.3409**, and **10.6662, 0.5201, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **22.8408, 0.5121, 0.3395**, and if you desaturate by 10%, it is **32.4837, 0.4257, 0.3372**.

Distribution



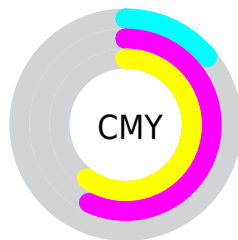
- Red (86%)
- Green (43%)
- Blue (40%)



- Red (86%)
- Yellow (43%)
- Blue (40%)



- Cyan (0%)
- Magenta (50%)
- Yellow (54%)
- Black (14%)





- Cyan (14%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0925, 0.4667, 0.3387 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 27.0925, 0.4667, 0.3387 by changing the saturation by 10% instead.


 27.0925, 0.4667,
0.3387


 27.0925, 0.4667,
0.3387


288.1047, 0.3824,
0.3379


 17.6427, 0.4898,
0.3370


 55.0323, 0.4345,
0.3397

 10.6938, 0.5203,
0.3335


 74.2910, 0.4228,
0.3396

 5.8613, 0.5621,
0.3261

 97.5882, 0.4132,
0.3394

 2.7609, 0.6248,
0.3119

 125.3083, 0.4050,
0.3391

 1.0082, 0.7206,
0.2794

157.8355, 0.3981,
0.3388

 0.0000, 1.0000,
0.0000

195.5544, 0.3922,


 0.0000, 0.0000,

0.3385


0.0000

238.8494, 0.3870,
0.3382

 27.0925, 0.4667,
0.3387

 27.0925, 0.4667,
0.3387


 22.8408, 0.5121,
0.3395


 32.4837, 0.4257,
0.3372


 19.6427, 0.5580,
0.3392


 39.0837, 0.3907,
0.3354


 17.4073, 0.5981,
0.3375


 46.9611, 0.3618,
0.3334

 16.0261, 0.6259,
0.3346


 56.1784, 0.3384,
0.3315

 15.5530, 0.6360,
0.3332

 66.7939, 0.3194,
0.3297

 78.8624, 0.3041,
0.3280

 92.4359, 0.2917,
0.3265

 93.9553, 0.2917,
0.3289

Harmonies

Analogous

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



27.0925, 0.4111, 0.2826



27.0925, 0.4667, 0.3387



27.0925, 0.4715, 0.3985

Triad

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



27.0925, 0.4667, 0.3387



27.0925, 0.2821, 0.4544



27.0925, 0.1975, 0.2074

Complementary

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



27.0925, 0.4667, 0.3387



54.9979, 0.2418, 0.3180

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.



27.0925, 0.1738, 0.2316



27.0925, 0.4667, 0.3387



27.0925, 0.2165, 0.3742

Square

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



27.0925, 0.4667, 0.3387



27.0925, 0.3602, 0.4816



27.0925, 0.1795, 0.2885



27.0925, 0.2501, 0.2107

Rectangle

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



27.0925, 0.4667, 0.3387



27.0925, 0.4479, 0.4365



27.0925, 0.1795, 0.2885



27.0925, 0.1864, 0.2122

Sweetspot

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



27.0939, 0.4667, 0.3387



75.7283, 0.3427, 0.3319



29.2736, 0.3269, 0.2078



15.6204, 0.3474, 0.3323



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.



27.0939, 0.4667, 0.3387



31.1857, 0.5188, 0.3395



44.3146, 0.4227, 0.4077



13.1920, 0.3290, 0.3306



9.1859, 0.6348, 0.3342



0.6458, 0.6196, 0.3462

Inverse Universe

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



54.9979, 0.2418, 0.3180



73.9395, 0.2324, 0.3154



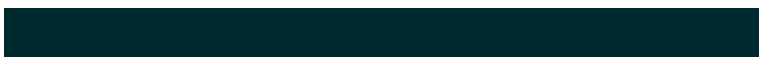
30.5673, 0.2239, 0.2312



14.6711, 0.2982, 0.3274



28.7631, 0.2189, 0.3079



1.9097, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 27.0925, 0.4667, 0.3387 looks on a white background.

Color Contrast Check

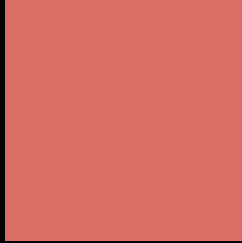
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0925, 0.4667, 0.3387 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 27.0925, 0.4667, 0.3387

Background



This preview shows how black text looks on a background with the Yxy color 27.0925, 0.4667, 0.3387.



This preview shows how white text looks on a background with the Yxy color 27.0925, 0.4667, 0.3387.

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

27.0925, 0.4667, 0.3387

Protanopia

27.1863, 0.3496, 0.3714

Deuteranopia

27.1108, 0.3978, 0.3892



Tritanopia

27.1024, 0.4518, 0.3213

Trichromacy



Original Color

27.0925, 0.4667, 0.3387

Protanomaly

26.3431, 0.3901, 0.3574

Deuteranomaly

26.6224, 0.4236, 0.3680

Tritanomaly

27.2014, 0.4579, 0.3283

Monochromacy



Original Color

27.0925, 0.4667, 0.3387

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7529, 0.3653, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0925, 0.4667, 0.3387 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(220, 109, 101)` looks like.

```
.text, #text, p{  
    color:rgb(220, 109, 101)  
}
```

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(220, 109, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 109, 101) }
```

Border

The CSS property to change the border of an element to Yxy 27.0925, 0.4667, 0.3387 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(220, 109, 101) }
```

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

```
.border{ border-color:rgb(220, 109, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 109, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 109, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 109, 101);  
box-shadow:4px 4px 4px 4px rgb(220, 109,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0925, 0.4667, 0.3387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 109, 101) }
```

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

```
.background{ background-color: rgb(220,  
109, 101) }
```

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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