

Converting Colors

$Y_{xy}(29.5671, 0.4219, 0.3328)$

Have a look what the booklet for
Yxy(29.5671, 0.4219, 0.3328)
contains.

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Color

Yxy(29.6447, 0.4216, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	D37C79
RGB	211, 124, 121
RGB Percent	83%, 49%, 47%
CMY	0.1726, 0.5137, 0.5255
CMYK	0.00, 0.41, 0.43, 0.17
HSL	2°, 51%, 65%
HSV	2°, 43%, 83%
XYZ	37.5209, 29.6447, 21.8308
YIQ	149.6710, 52.8150, 17.5110

Conversions

Conversions Part 2

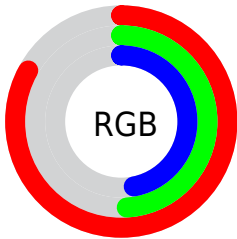
Format	Color
R _Y B	211, 124, 121
Decimal	13859961
CIE Lab	61.35, 33.40, 16.30
CIE LCh	61, 37.163, 26.012
Yxy	29.6447, 0.4216, 0.3331
Android (android.graphics.Color)	4292050041 (0xFFD37C79)
YUV	149.6710, -14.1348, 53.7855
Hunter-Lab	54.4469, 27.7271, 14.3402

Details

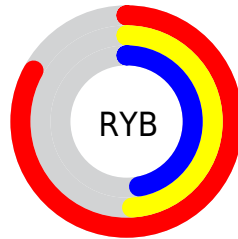
The Yxy color **29.6447, 0.4216, 0.3331** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **53.8662, 0.2544, 0.3248**, and the grayscale version is **30.3978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1179, 0.3856, 0.3345**, and **12.0184, 0.4584, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **24.5900, 0.4626, 0.3339**, and if you desaturate by 10%, it is **35.8723, 0.3869, 0.3321**.

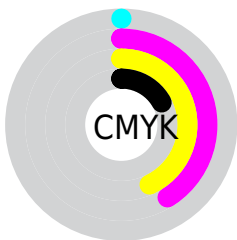
Distribution



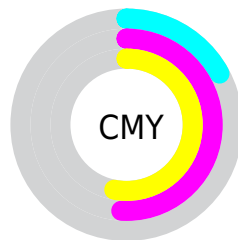
- Red (83%)
- Green (49%)
- Blue (47%)



- Red (83%)
- Yellow (49%)
- Blue (47%)



- Cyan (0%)
- Magenta (41%)
- Yellow (43%)
- Black (17%)





- Cyan (17%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6447, 0.4216, 0.3331 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 29.6447, 0.4216, 0.3331 by changing the saturation by 10% instead.


 29.6447, 0.4216,
0.3331


 29.6447, 0.4216,
0.3331


300.2448, 0.3625,
0.3330

 19.5691, 0.4379,
0.3323


 59.0998, 0.3990,
0.3336

 12.0822, 0.4596,
0.3306


 79.2481, 0.3909,
0.3336

 6.7997, 0.4901,
0.3272


 103.5228, 0.3841,
0.3336

 3.3371, 0.5351,
0.3198

132.3081, 0.3784,
0.3335

 1.3102, 0.6311,
0.3142

165.9886, 0.3736,
0.3334

 0.1491, 0.8659,
0.1341

204.9486, 0.3694,

 0.0000, 0.0000,

0.3332

0.0000


249.5725, 0.3657,
0.3331


 29.6447, 0.4216,
0.3331


 29.6447, 0.4216,
0.3331


 24.5900, 0.4626,
0.3339

 35.8723, 0.3869,
0.3321


 20.6308, 0.5086,
0.3344


 43.3351, 0.3584,
0.3311


 17.6871, 0.5555,
0.3343


 52.0964, 0.3354,
0.3301

 15.6665, 0.5969,
0.3336

 62.2138, 0.3170,
0.3292

 14.4596, 0.6258,
0.3322

 73.7415, 0.3021,
0.3284

 14.0014, 0.6380,
0.3316

 86.7306, 0.2902,
0.3277

 92.5878, 0.2866,
0.3289

Harmonies

Analogous

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



29.6447, 0.3772, 0.2892



29.6447, 0.4216, 0.3331



29.6447, 0.4325, 0.3796

Triad

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



29.6447, 0.4216, 0.3331



29.6447, 0.3004, 0.4227



29.6447, 0.2210, 0.2380

Complementary

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



29.6447, 0.4216, 0.3331



53.8662, 0.2544, 0.3248

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.



29.6447, 0.2054, 0.2621



29.6447, 0.4216, 0.3331



29.6447, 0.2477, 0.3712

Square

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



29.6447, 0.4216, 0.3331



29.6447, 0.3593, 0.4393



29.6447, 0.2143, 0.3095



29.6447, 0.2596, 0.2366

Rectangle

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



29.6447, 0.4216, 0.3331



29.6447, 0.4198, 0.4078



29.6447, 0.2143, 0.3095



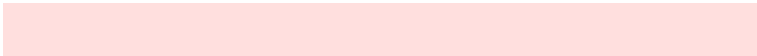
29.6447, 0.2132, 0.2434

Sweetspot

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



29.6462, 0.4216, 0.3331



79.2809, 0.3364, 0.3302



32.0744, 0.3205, 0.2281



16.2938, 0.3412, 0.3304



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.



29.6462, 0.4216, 0.3331



38.5223, 0.4578, 0.3338



43.6012, 0.3964, 0.3884



11.8708, 0.3290, 0.3298



8.4803, 0.6374, 0.3321



0.4970, 0.6286, 0.3391

Inverse Universe

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



53.8662, 0.2544, 0.3248



80.3445, 0.2454, 0.3238



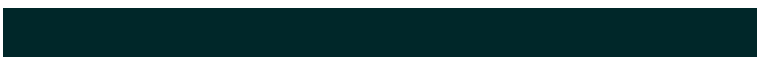
34.9589, 0.2437, 0.2602



13.3362, 0.2983, 0.3282



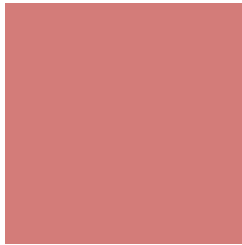
28.9103, 0.2218, 0.3186



1.6382, 0.2224, 0.3206

Previews

White Background



This preview shows how the Yxy color 29.6447, 0.4216, 0.3331 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 29.6447, 0.4216, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

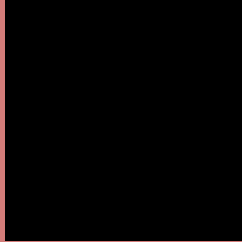
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6447, 0.4216, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 29.6447, 0.4216, 0.3331.



This preview shows how white text looks on a background with the Yxy color 29.6447, 0.4216, 0.3331.

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

29.6447, 0.4216, 0.3331

Protanopia

29.8418, 0.3348, 0.3526

Deuteranopia

29.8372, 0.3723, 0.3663



Tritanopia

29.5548, 0.4112, 0.3180

Trichromacy



Original Color

29.6447, 0.4216, 0.3331

Protanomaly

29.1642, 0.3640, 0.3439

Deuteranomaly

29.5050, 0.3905, 0.3531

Tritanomaly

29.6953, 0.4157, 0.3243

Monochromacy



Original Color

29.6447, 0.4216, 0.3331

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6845, 0.3490, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6447, 0.4216, 0.3331 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(211, 124, 121)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 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(211, 124, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 121) }
```

Border

The CSS property to change the border of an element to Yxy 29.6447, 0.4216, 0.3331 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(211, 124, 121) }
```

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

```
.border{ border-color:rgb(211, 124, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 124, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 124, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 124, 121);  
box-shadow:4px 4px 4px 4px rgb(211, 124,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6447, 0.4216, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 124, 121) }
```

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

```
.background{ background-color: rgb(211,  
124, 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](#).

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