

Converting Colors

$Yxy(30.2554, 0.4334, 0.3282)$

Have a look what the booklet for
Yxy(30.2554, 0.4334, 0.3282)
contains.

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Color

Yxy(30.4274, 0.4341, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	DD7979
RGB	221, 121, 121
RGB Percent	87%, 47%, 47%
CMY	0.1335, 0.5254, 0.5255
CMYK	0.00, 0.45, 0.45, 0.13
HSL	0°, 59%, 67%
HSV	0°, 45%, 87%
XYZ	40.0988, 30.4274, 21.8460
YIQ	150.9000, 59.6000, 21.2000

Conversions

Conversions Part 2

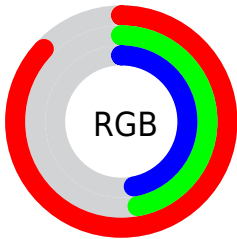
Format	Color
RYB	221, 121, 121
Decimal	14514553
CIELab	62.02, 38.70, 17.43
CIELCh	62, 42.450, 24.250
Yxy	30.4274, 0.4341, 0.3294
Android (android.graphics.Color)	4292704633 (0xFFDD7979)
YUV	150.9000, -14.7407, 61.4777
Hunter-Lab	55.1610, 33.2270, 15.1315

Details

The Yxy color **30.4274, 0.4341, 0.3294** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **60.9563, 0.2522, 0.3288**, and the grayscale version is **30.9498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9371, 0.3867, 0.3313**, and **12.5427, 0.4740, 0.3250** is the 20% darker color. If you saturate the color by 10%, you get **25.1782, 0.4779, 0.3295**, and if you desaturate by 10%, it is **37.0329, 0.3967, 0.3293**.

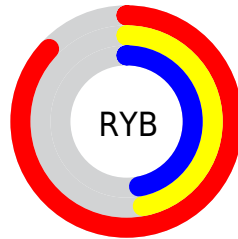
Distribution



Red (87%)

Green (47%)

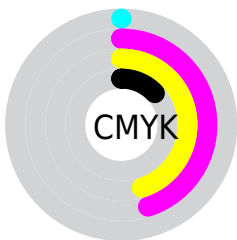
Blue (47%)



Red (87%)

Yellow (47%)

Blue (47%)

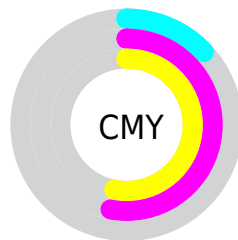


Cyan (0%)

Magenta (45%)

Yellow (45%)

Black (13%)



Cyan (13%)


Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4274, 0.4341, 0.3294 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 30.4274, 0.4341, 0.3294 by changing the saturation by 10% instead.


 30.4274, 0.4341,
0.3294


 30.4274, 0.4341,
0.3294


303.8916, 0.3685,
0.3317


 20.1632, 0.4520,
0.3278


 60.3374, 0.4091,
0.3309

 12.5137, 0.4757,
0.3250


 80.7521, 0.4001,
0.3313

 7.0946, 0.5086,
0.3200


 105.3190, 0.3926,
0.3315

 3.5213, 0.5565,
0.3100

134.4226, 0.3863,
0.3316

 1.4096, 0.6529,
0.2984

168.4473, 0.3809,
0.3317

 0.2238, 0.8427,
0.1573

207.7774, 0.3762,


 0.0000, 1.0000,


0.3317


0.0000


252.7974, 0.3721,
0.3317


 0.0000, 0.0000,
0.0000


 30.4274, 0.4341,
0.3294

 30.4274, 0.4341,
0.3294


 25.1782, 0.4779,
0.3295


 37.0329, 0.3967,
0.3293

 21.1869, 0.5257,
0.3297


 45.0746, 0.3659,
0.3292


 18.3497, 0.5724,
0.3298

 54.6320, 0.3412,
0.3291

 16.5441, 0.6105,
0.3299

 65.7773, 0.3214,
0.3290

 15.6196, 0.6333,
0.3300

 78.5781, 0.3056,
0.3290

 15.3683, 0.6401,
0.3300

 93.0981, 0.2930,
0.3289

 94.1064, 0.2923,
0.3289

Harmonies

Analogous

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



30.4274, 0.3817, 0.2816



30.4274, 0.4341, 0.3294



30.4274, 0.4483, 0.3810

Triad

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



30.4274, 0.4341, 0.3294



30.4274, 0.3017, 0.4390



30.4274, 0.2086, 0.2280

Complementary

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



30.4274, 0.4341, 0.3294



60.9563, 0.2522, 0.3288

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.



30.4274, 0.1930, 0.2555



30.4274, 0.4341, 0.3294



30.4274, 0.2421, 0.3811

Square

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



30.4274, 0.4341, 0.3294



30.4274, 0.3677, 0.4538



30.4274, 0.2040, 0.3098



30.4274, 0.2496, 0.2257

Rectangle

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



30.4274, 0.4341, 0.3294



30.4274, 0.4347, 0.4134



30.4274, 0.2040, 0.3098



30.4274, 0.2005, 0.2343

Sweetspot

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



30.4290, 0.4341, 0.3294



77.2172, 0.3387, 0.3291



34.2578, 0.3179, 0.2191



15.8612, 0.3435, 0.3291



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.



30.4290, 0.4341, 0.3294



35.3564, 0.4741, 0.3295



45.8642, 0.4049, 0.3883



13.0523, 0.3292, 0.3291



8.9314, 0.6400, 0.3300



0.5789, 0.6400, 0.3301

Inverse Universe

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



60.9563, 0.2522, 0.3288



82.5089, 0.2437, 0.3287



38.4004, 0.2401, 0.2598



14.8287, 0.2982, 0.3289



33.0478, 0.2246, 0.3286



2.1413, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 30.4274, 0.4341, 0.3294 looks on a white background.

Color Contrast Check

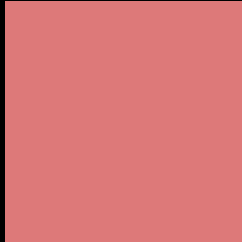
Large Text (above 18pt) WCAG AA × Fail

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 30.4274, 0.4341, 0.3294 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 ✓ Pass

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

Yxy 30.4274, 0.4341, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 30.4274, 0.4341, 0.3294.



This preview shows how white text looks on a background with the Yxy color 30.4274, 0.4341, 0.3294.

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

30.4274, 0.4341, 0.3294

Protanopia

30.7301, 0.3346, 0.3523

Deuteranopia

30.4610, 0.3763, 0.3687



Tritanopia

30.5475, 0.4256, 0.3187

Trichromacy



Original Color

30.4274, 0.4341, 0.3294

Protanomaly

29.7802, 0.3686, 0.3421

Deuteranomaly

30.1228, 0.3973, 0.3539

Tritanomaly

30.4689, 0.4294, 0.3222

Monochromacy



Original Color

30.4274, 0.4341, 0.3294

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

29.8797, 0.3527, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4274, 0.4341, 0.3294 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(221, 121, 121)` looks like.

```
.text, #text, p{  
    color:rgb(221, 121, 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(221, 121, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 121, 121) }
```

Border

The CSS property to change the border of an element to Yxy 30.4274, 0.4341, 0.3294 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(221, 121, 121) }
```

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

```
.border{ border-color:rgb(221, 121, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 121, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 121, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 121, 121);  
box-shadow:4px 4px 4px 4px rgb(221, 121,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4274, 0.4341, 0.3294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 121, 121) }
```

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

```
.background{ background-color: rgb(221,  
121, 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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