

Converting Colors

$Y_{xy}(28.5321, 0.4504, 0.3294)$

Have a look what the booklet for
Yxy(28.5321, 0.4504, 0.3294)
contains.

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Color

Yxy(28.5321, 0.4504, 0.3294)

Conversions

Conversions Part 1

Format	Color
Hex	DE7171
RGB	222, 113, 113
RGB Percent	87%, 44%, 44%
CMY	0.1294, 0.5569, 0.5569
CMYK	0.00, 0.49, 0.49, 0.13
HSL	360°, 62%, 66%
HSV	360°, 49%, 87%
XYZ	39.0129, 28.5321, 19.0734
YIQ	145.5910, 64.9640, 23.1080

Conversions

Conversions Part 2

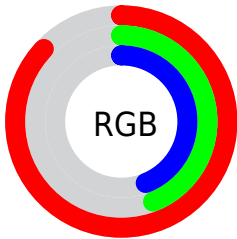
Format	Color
R _Y B	222, 113, 113
Decimal	14578033
CIE Lab	60.37, 42.42, 19.76
CIE LCh	60, 46.798, 24.977
Yxy	28.5321, 0.4504, 0.3294
Android (android.graphics.Color)	4292768113 (0xFFDE7171)
YUV	145.5910, -16.0674, 67.0107
Hunter-Lab	53.4154, 36.8936, 16.2198

Details

The Yxy color **28.5321, 0.4504, 0.3294** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **61.0345, 0.2485, 0.3288**, and the grayscale version is **28.6159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6140, 0.3971, 0.3314**, and **11.5057, 0.4991, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **23.7309, 0.4962, 0.3295**, and if you desaturate by 10%, it is **34.6700, 0.4104, 0.3293**.

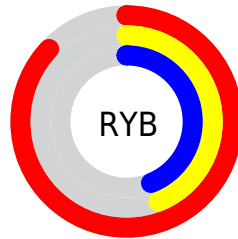
Distribution



Red (87%)

Green (44%)

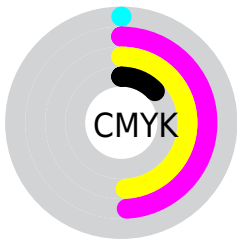
Blue (44%)



Red (87%)

Yellow (44%)

Blue (44%)

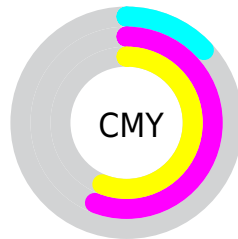


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (13%)



Cyan (13%)


Magenta (56%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5321, 0.4504, 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 28.5321, 0.4504, 0.3294 by changing the saturation by 10% instead.

 28.5321, 0.4504,
0.3294


 28.5321, 0.4504,
0.3294


295.0008, 0.3754,
0.3324

 18.7271, 0.4710,
0.3273


 57.3329, 0.4217,
0.3314

 11.4733, 0.4983,
0.3235


 77.0974, 0.4114,
0.3319

 6.3861, 0.5362,
0.3167


 100.9507, 0.4028,
0.3322

 3.0813, 0.5909,
0.3031

 129.2770, 0.3956,
0.3323

 1.1743, 0.7111,
0.2889

162.4608, 0.3894,
0.3324

 0.0406, 0.9643,
0.0357

200.8864, 0.3841,


 0.0000, 1.0000,


0.3325

0.0000

244.9383, 0.3795,
0.3324

 0.0000, 0.0000,
0.0000

 28.5321, 0.4504,
0.3294


 28.5321, 0.4504,
0.3294


 23.7309, 0.4962,
0.3295


 34.6700, 0.4104,
0.3293


 20.1629, 0.5444,
0.3297


 42.2293, 0.3771,
0.3292

 17.7169, 0.5887,
0.3298


 51.2926, 0.3501,
0.3291


 16.2596, 0.6214,
0.3299

 61.9351, 0.3285,
0.3290

 15.5792, 0.6388,
0.3300

 74.2271, 0.3113,
0.3290

 15.5317, 0.6401,
0.3300

 88.2346, 0.2976,
0.3290

 94.2717, 0.2929,
0.3289

Harmonies

Analogous

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



28.5321, 0.3920, 0.2772



28.5321, 0.4504, 0.3294



28.5321, 0.4642, 0.3860

Triad

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



28.5321, 0.4504, 0.3294



28.5321, 0.2974, 0.4535



28.5321, 0.1982, 0.2165

Complementary

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



28.5321, 0.4504, 0.3294



61.0345, 0.2485, 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.



28.5321, 0.1805, 0.2451



28.5321, 0.4504, 0.3294



28.5321, 0.2320, 0.3859

Square

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



28.5321, 0.4504, 0.3294



28.5321, 0.3709, 0.4698



28.5321, 0.1913, 0.3044



28.5321, 0.2435, 0.2151

Rectangle

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



28.5321, 0.4504, 0.3294



28.5321, 0.4474, 0.4223



28.5321, 0.1913, 0.3044



28.5321, 0.1892, 0.2228

Sweetspot

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



28.5336, 0.4504, 0.3294



75.7537, 0.3409, 0.3291



32.3306, 0.3164, 0.2102



15.5729, 0.3457, 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.



28.5336, 0.4504, 0.3294



32.2825, 0.4979, 0.3295



43.8831, 0.4161, 0.3911



13.7006, 0.3292, 0.3290



9.2243, 0.6401, 0.3300



0.6394, 0.6401, 0.3300

Inverse Universe

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



28.5336, 0.4504, 0.3294



32.2825, 0.4979, 0.3295



37.2811, 0.2345, 0.2553



13.7006, 0.3292, 0.3290



9.2243, 0.6401, 0.3300



0.6394, 0.6401, 0.3300

Previews

White Background



This preview shows how the Yxy color 28.5321, 0.4504, 0.3294 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 28.5321, 0.4504, 0.3294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

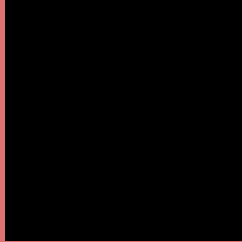
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.5321, 0.4504, 0.3294

Background



This preview shows how black text looks on a background with the Yxy color 28.5321, 0.4504, 0.3294.



This preview shows how white text looks on a background with the Yxy color 28.5321, 0.4504, 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

28.5321, 0.4504, 0.3294

Protanopia

28.9151, 0.3372, 0.3561

Deuteranopia

28.6095, 0.3835, 0.3770



Tritanopia

28.6324, 0.4429, 0.3201

Trichromacy



Original Color

28.5321, 0.4504, 0.3294

Protanomaly

27.9452, 0.3764, 0.3453

Deuteranomaly

28.0382, 0.4078, 0.3570

Tritanomaly

28.5607, 0.4468, 0.3236

Monochromacy



Original Color

28.5321, 0.4504, 0.3294

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7701, 0.3589, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5321, 0.4504, 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(222, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(222, 113, 113)  
}
```

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, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 113, 113) }
```

Border

The CSS property to change the border of an element to Yxy 28.5321, 0.4504, 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(222, 113, 113) }
```

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

```
.border{ border-color:rgb(222, 113, 113) }
```

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

Here you see how a box with a 4 pixel rgb(222, 113, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(222, 113,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5321, 0.4504, 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(222, 113, 113) }
```

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

```
.background{ background-color: rgb(222,  
113, 113) }
```

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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