

Converting Colors

$Y_{xy}(29.4254, 0.4298, 0.3173)$

Have a look what the booklet for
Yxy(29.4254, 0.4298, 0.3173)
contains.

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Color

Yxy(29.3693, 0.4306, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	DD747E
RGB	221, 116, 126
RGB Percent	87%, 45%, 49%
CMY	0.1333, 0.5451, 0.5060
CMYK	0.00, 0.48, 0.43, 0.13
HSL	354°, 61%, 66%
HSV	354°, 48%, 87%
XYZ	39.8312, 29.3693, 23.3012
YIQ	148.5350, 59.3700, 25.3700

Conversions

Conversions Part 2

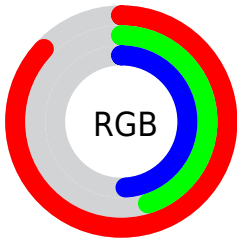
Format	Color
RYB	221, 116, 126
Decimal	14513278
CIELab	61.11, 41.81, 13.31
CIELCh	61, 43.881, 17.661
Yxy	29.3693, 0.4306, 0.3175
Android (android.graphics.Color)	4292703358 (0xFFDD747E)
YUV	148.5350, -11.1098, 63.5518
Hunter-Lab	54.1934, 36.3559, 12.4429

Details

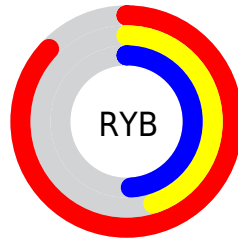
The Yxy color **29.3693, 0.4306, 0.3175** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **60.1359, 0.2549, 0.3420**, and the grayscale version is **29.8786, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2641, 0.3827, 0.3197**, and **11.8840, 0.4716, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **24.4017, 0.4715, 0.3159**, and if you desaturate by 10%, it is **35.6550, 0.3956, 0.3197**.

Distribution



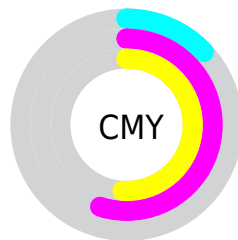
- Red (87%)
- Green (45%)
- Blue (49%)



- Red (87%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (43%)
- Black (13%)




- Cyan (13%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3693, 0.4306, 0.3175 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 29.3693, 0.4306, 0.3175 by changing the saturation by 10% instead.


 29.3693, 0.4306,
0.3175


 29.3693, 0.4306,
0.3175


298.9534, 0.3666,
0.3257

 19.3604, 0.4482,
0.3145


 58.6633, 0.4061,
0.3211

 11.9310, 0.4717,
0.3100


 78.7172, 0.3973,
0.3223

 6.6967, 0.5046,
0.3027


 102.8882, 0.3900,
0.3232

 3.2731, 0.5532,
0.2900

131.5607, 0.3839,
0.3239

 1.2759, 0.6433,
0.2703

165.1190, 0.3786,
0.3245

 0.1225, 0.9055,
0.0945

203.9477, 0.3741,


 0.0000, 1.0000,

0.3250


0.0000


248.4310, 0.3701,
0.3253


 0.0000, 0.0000,
0.0000

 29.3693, 0.4306,
0.3175


 29.3693, 0.4306,
0.3175

 24.4017, 0.4715,
0.3159


 35.6550, 0.3956,
0.3197


 20.6542, 0.5164,
0.3155


 43.3386, 0.3667,
0.3223


 18.0223, 0.5612,
0.3167

 52.4991, 0.3432,
0.3248


 16.3823, 0.5997,
0.3198


 63.2081, 0.3244,
0.3273

 15.5675, 0.6260,
0.3241

 75.5327, 0.3093,
0.3296

 15.4278, 0.6308,
0.3248

 89.5359, 0.2971,
0.3316

 94.1137, 0.2923,
0.3289

Harmonies

Analogous

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



29.3693, 0.3693, 0.2700



29.3693, 0.4306, 0.3175



29.3693, 0.4549, 0.3707

Triad

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



29.3693, 0.4306, 0.3175



29.3693, 0.3160, 0.4524



29.3693, 0.1987, 0.2278

Complementary

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



29.3693, 0.4306, 0.3175



60.1359, 0.2549, 0.3420

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.



29.3693, 0.1884, 0.2621



29.3693, 0.4306, 0.3175



29.3693, 0.2510, 0.3996

Square

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



29.3693, 0.4306, 0.3175



29.3693, 0.3837, 0.4563



29.3693, 0.2058, 0.3242



29.3693, 0.2354, 0.2201

Rectangle

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



29.3693, 0.4306, 0.3175



29.3693, 0.4464, 0.4055



29.3693, 0.2058, 0.3242



29.3693, 0.1923, 0.2361

Sweetspot

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



29.3708, 0.4306, 0.3175



77.3908, 0.3363, 0.3257



31.4887, 0.3077, 0.2105



15.9028, 0.3407, 0.3251



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.



29.3708, 0.4306, 0.3175



33.7781, 0.4712, 0.3159



41.0902, 0.4171, 0.3792



13.0715, 0.3277, 0.3268



8.9688, 0.6286, 0.3237



0.5881, 0.5993, 0.3075

Inverse Universe

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



29.3708, 0.4306, 0.3175



33.7781, 0.4712, 0.3159



41.1770, 0.2393, 0.2709



13.0715, 0.3277, 0.3268



8.9688, 0.6286, 0.3237



0.5881, 0.5993, 0.3075

Previews

White Background



This preview shows how the Yxy color 29.3693, 0.4306, 0.3175 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 29.3693, 0.4306, 0.3175 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 29.3693, 0.4306, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 29.3693, 0.4306, 0.3175.



This preview shows how white text looks on a background with the Yxy color 29.3693, 0.4306, 0.3175.

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

29.3693, 0.4306, 0.3175

Protanopia

29.4958, 0.3228, 0.3369

Deuteranopia

29.4091, 0.3661, 0.3591



Tritanopia

29.3436, 0.4319, 0.3187

Trichromacy



Original Color

29.3693, 0.4306, 0.3175

Protanomaly

28.7330, 0.3595, 0.3291

Deuteranomaly

29.0239, 0.3896, 0.3432

Tritanomaly

29.3436, 0.4319, 0.3187

Monochromacy



Original Color

29.3693, 0.4306, 0.3175

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

28.9284, 0.3513, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3693, 0.4306, 0.3175 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, 116, 126)` looks like.

```
.text, #text, p{  
    color:rgb(221, 116, 126)  
}
```

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, 116, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 116, 126) }
```

Border

The CSS property to change the border of an element to Yxy 29.3693, 0.4306, 0.3175 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, 116, 126) }
```

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

```
.border{ border-color:rgb(221, 116, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 116, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 116, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 116, 126);  
box-shadow:4px 4px 4px 4px rgb(221, 116,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3693, 0.4306, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 116, 126) }
```

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

```
.background{ background-color: rgb(221,  
116, 126) }
```

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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