

Converting Colors

$Yxy(29.7367, 0.4159, 0.3344)$

Have a look what the booklet for
Yxy(29.7367, 0.4159, 0.3344)
contains.

Yxy(29.7367, 0.4159, 0.3344)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(29.7367, 0.4159, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	D07E7A
RGB	208, 126, 122
RGB Percent	82%, 49%, 48%
CMY	0.1844, 0.5058, 0.5215
CMYK	0.00, 0.39, 0.41, 0.18
HSL	3°, 48%, 65%
HSV	3°, 41%, 82%
XYZ	36.9841, 29.7367, 22.2047
YIQ	150.0620, 50.1560, 16.1400

Conversions

Conversions Part 2

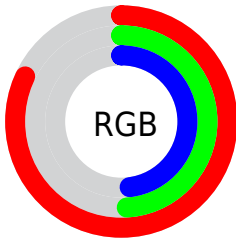
Format	Color
R _Y B	208, 126, 122
Decimal	13663866
CIE Lab	61.43, 31.30, 15.77
CIE LCh	61, 35.045, 26.746
Yxy	29.7367, 0.4159, 0.3344
Android (android.graphics.Color)	4291853946 (0xFFD07E7A)
YUV	150.0620, -13.8346, 50.8116
Hunter-Lab	54.5314, 25.6319, 14.0296

Details

The Yxy color **29.7367, 0.4159, 0.3344** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **51.8700, 0.2556, 0.3234**, and the grayscale version is **30.5720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.9585, 0.3841, 0.3355**, and **12.0925, 0.4535, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **24.6974, 0.4557, 0.3355**, and if you desaturate by 10%, it is **35.8945, 0.3824, 0.3331**.

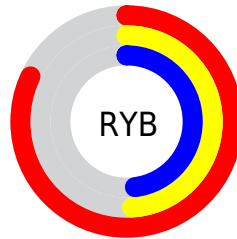
Distribution



Red (82%)

Green (49%)

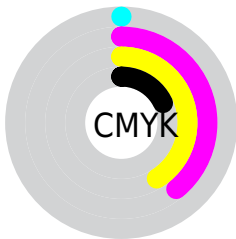
Blue (48%)



Red (82%)

Yellow (49%)

Blue (48%)

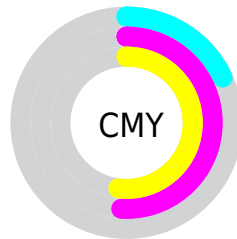


Cyan (0%)

Magenta (39%)

Yellow (41%)

Black (18%)



Cyan (18%)


Magenta (51%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7367, 0.4159, 0.3344 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 29.7367, 0.4159, 0.3344 by changing the saturation by 10% instead.


 29.7367, 0.4159,
0.3344

 29.7367, 0.4159,
0.3344


300.6752, 0.3599,
0.3334

 19.6388, 0.4313,
0.3339


 59.2455, 0.3945,
0.3345

 12.1328, 0.4520,
0.3327


 79.4253, 0.3868,
0.3344

 6.8342, 0.4810,
0.3301


 103.7344, 0.3804,
0.3343

 3.3586, 0.5240,
0.3239

132.5574, 0.3750,
0.3341

 1.3217, 0.6142,
0.3194

166.2786, 0.3704,
0.3339

 0.1579, 0.8530,
0.1470

205.2823, 0.3664,

 0.0000, 0.0000,

0.3337


0.0000


249.9531, 0.3630,
0.3336


 29.7367, 0.4159,
0.3344


 29.7367, 0.4159,
0.3344

 24.6974, 0.4557,
0.3355


 35.8945, 0.3824,
0.3331


 20.7053, 0.5007,
0.3363


 43.2276, 0.3549,
0.3317

 17.6880, 0.5474,
0.3363


 51.7943, 0.3327,
0.3304


 15.5619, 0.5900,
0.3354

 61.6476, 0.3148,
0.3292

 14.2295, 0.6214,
0.3336

 72.8377, 0.3004,
0.3280

 13.6186, 0.6372,
0.3323

 85.4118, 0.2888,
0.3270

 92.1483, 0.2849,
0.3289

Harmonies

Analogous

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



29.7367, 0.3748, 0.2924



29.7367, 0.4159, 0.3344



29.7367, 0.4256, 0.3785

Triad

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



29.7367, 0.4159, 0.3344



29.7367, 0.3000, 0.4159



29.7367, 0.2265, 0.2426

Complementary

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



29.7367, 0.4159, 0.3344



51.8700, 0.2556, 0.3234

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.



29.7367, 0.2110, 0.2652



29.7367, 0.4159, 0.3344



29.7367, 0.2504, 0.3673

Square

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



29.7367, 0.4159, 0.3344



29.7367, 0.3558, 0.4328



29.7367, 0.2190, 0.3096



29.7367, 0.2637, 0.2416

Rectangle

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



29.7367, 0.4159, 0.3344



29.7367, 0.4133, 0.4049



29.7367, 0.2190, 0.3096



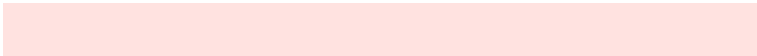
29.7367, 0.2188, 0.2476

Sweetspot

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



29.7382, 0.4159, 0.3344



80.9612, 0.3343, 0.3305



31.7428, 0.3203, 0.2310



16.9247, 0.3370, 0.3307



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.



29.7382, 0.4159, 0.3344



39.7006, 0.4525, 0.3355



42.7687, 0.3931, 0.3865



11.8952, 0.3289, 0.3301



8.5279, 0.6363, 0.3330



0.5086, 0.6243, 0.3425

Inverse Universe

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



51.8700, 0.2556, 0.3234



79.5602, 0.2459, 0.3220



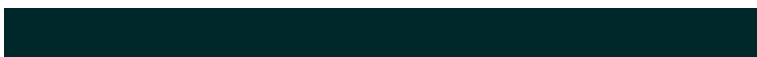
34.5787, 0.2459, 0.2628



13.3087, 0.2983, 0.3279



28.1404, 0.2207, 0.3145



1.6032, 0.2215, 0.3173

Previews

White Background



This preview shows how the Yxy color 29.7367, 0.4159, 0.3344 looks on a white background.

Color Contrast Check

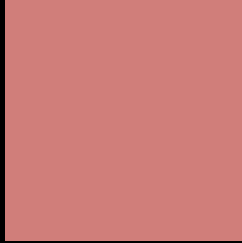
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7367, 0.4159, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

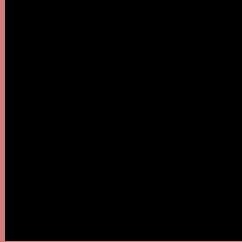
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7367, 0.4159, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 29.7367, 0.4159, 0.3344.



This preview shows how white text looks on a background with the Yxy color 29.7367, 0.4159, 0.3344.

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

29.7367, 0.4159, 0.3344

Protanopia

29.8418, 0.3348, 0.3526

Deuteranopia

29.8611, 0.3712, 0.3648



Tritanopia

29.6641, 0.4043, 0.3179

Trichromacy



Original Color

29.7367, 0.4159, 0.3344

Protanomaly

29.3398, 0.3625, 0.3454

Deuteranomaly

29.6865, 0.3877, 0.3532

Tritanomaly

29.8075, 0.4089, 0.3242

Monochromacy



Original Color

29.7367, 0.4159, 0.3344

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6011, 0.3468, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7367, 0.4159, 0.3344 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(208, 126, 122)` looks like.

```
.text, #text, p{  
    color:rgb(208, 126, 122)  
}
```

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(208, 126, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 126, 122) }
```

Border

The CSS property to change the border of an element to Yxy 29.7367, 0.4159, 0.3344 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(208, 126, 122) }
```

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

```
.border{ border-color:rgb(208, 126, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 126, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 126, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 126, 122);  
box-shadow:4px 4px 4px 4px rgb(208, 126,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7367, 0.4159, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 126, 122) }
```

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

```
.background{ background-color: rgb(208,  
126, 122) }
```

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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