

Converting Colors

$Y_{xy}(42.3956, 0.3796, 0.3292)$

Have a look what the booklet for
Yxy(42.3956, 0.3796, 0.3292)
contains.

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Color

Yxy(42.3956, 0.3796, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E09D9D
RGB	224, 157, 157
RGB Percent	88%, 62%, 62%
CMY	0.1215, 0.3843, 0.3843
CMYK	0.00, 0.30, 0.30, 0.12
HSL	0°, 52%, 75%
HSV	0°, 30%, 88%
XYZ	48.8863, 42.3956, 37.5018
YIQ	177.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

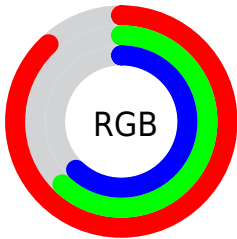
Format	Color
R _Y B	224, 157, 157
Decimal	14720413
CIE Lab	71.14, 24.99, 10.05
CIE LCh	71, 26.938, 21.912
Yxy	42.3956, 0.3796, 0.3292
Android (android.graphics.Color)	4292910493 (0xFFE09D9D)
YUV	177.0330, -9.8763, 41.1901
Hunter-Lab	65.1119, 20.0727, 11.4297

Details

The Yxy color **42.3956, 0.3796, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.8671, 0.2697, 0.3289**, and the grayscale version is **44.0230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1004, 0.3452, 0.3291**, and **19.3592, 0.3993, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **34.8040, 0.4135, 0.3293**, and if you desaturate by 10%, it is **51.5209, 0.3521, 0.3291**.

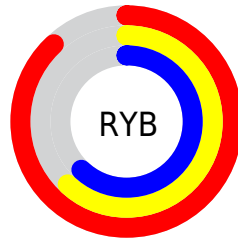
Distribution



Red (88%)

Green (62%)

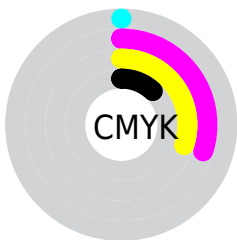
Blue (62%)



Red (88%)

Yellow (62%)

Blue (62%)

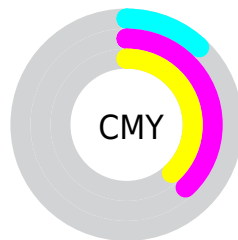


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (12%)



Cyan (12%)

Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3956, 0.3796, 0.3292 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 42.3956, 0.3796, 0.3292 by changing the saturation by 10% instead.


 42.3956, 0.3796,
0.3292


 42.3956, 0.3796,
0.3292


356.1202, 0.3453,
0.3298

 29.4112, 0.3884,
0.3288


 78.7980, 0.3670,
0.3296

 19.3921, 0.3998,
0.3281


 102.9848, 0.3623,
0.3297

 11.9539, 0.4153,
0.3270


131.6744, 0.3583,
0.3298

 6.7123, 0.4372,
0.3248

165.2514, 0.3549,
0.3298

 3.2828, 0.4706,
0.3204

204.1001, 0.3520,
0.3298

 1.2811, 0.5311,
0.3126

248.6049, 0.3495,

 0.1265, 0.8524,

0.3298

0.1476

299.1501, 0.3473,
0.3299

0.0000, 0.0000,
0.0000

42.3956, 0.3796,
0.3292

42.3956, 0.3796,
0.3292

34.8040, 0.4135,
0.3293

51.5209, 0.3521,
0.3291

28.6563, 0.4540,
0.3294

62.2513, 0.3301,
0.3291

23.8630, 0.5002,
0.3296

74.6607, 0.3126,
0.3290

20.3217, 0.5484,
0.3297

88.8169, 0.2986,
0.3290

17.9159, 0.5920,
0.3298

94.5898, 0.2941,
0.3289

■ 16.5070, 0.6235,
0.3299

■ 15.8545, 0.6400,
0.3300

■ 15.8501, 0.6401,
0.3300

Harmonies

Analogous

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



42.3956, 0.3495, 0.2993



42.3956, 0.3796, 0.3292



42.3956, 0.3904, 0.3607

Triad

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



42.3956, 0.3796, 0.3292



42.3956, 0.3113, 0.3899



42.3956, 0.2492, 0.2703

Complementary

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



42.3956, 0.3796, 0.3292



65.8671, 0.2697, 0.3289

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.



42.3956, 0.2407, 0.2900



42.3956, 0.3796, 0.3292



42.3956, 0.2751, 0.3609

Square

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



42.3956, 0.3796, 0.3292



42.3956, 0.3495, 0.3989



42.3956, 0.2498, 0.3231



42.3956, 0.2739, 0.2662

Rectangle

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



42.3956, 0.3796, 0.3292



42.3956, 0.3851, 0.3792



42.3956, 0.2498, 0.3231



42.3956, 0.2444, 0.2752

Sweetspot

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



42.3976, 0.3796, 0.3292



84.8314, 0.3285, 0.3290



45.3444, 0.3162, 0.2549



17.6703, 0.3313, 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.



42.3976, 0.3796, 0.3292



50.1794, 0.4003, 0.3293



55.3299, 0.3682, 0.3680



13.7007, 0.3292, 0.3291



9.2246, 0.6401, 0.3300



0.6395, 0.6401, 0.3300

Inverse Universe

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



65.8671, 0.2697, 0.3289



86.5433, 0.2620, 0.3288



49.5962, 0.2650, 0.2864



15.5722, 0.2982, 0.3290



34.1585, 0.2247, 0.3287



2.3677, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 42.3956, 0.3796, 0.3292 looks on a white background.

Color Contrast Check

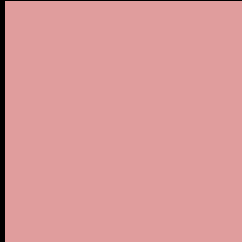
Large Text (above 18pt) WCAG AA × Fail

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 42.3956, 0.3796, 0.3292 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 42.3956, 0.3796, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 42.3956, 0.3796, 0.3292.



This preview shows how white text looks on a background with the Yxy color 42.3956, 0.3796, 0.3292.

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

42.3956, 0.3796, 0.3292

Protanopia

42.7286, 0.3248, 0.3398

Deuteranopia

42.5139, 0.3537, 0.3459



Tritanopia

42.2403, 0.3710, 0.3150

Trichromacy



Original Color

42.3956, 0.3796, 0.3292

Protanomaly

42.3854, 0.3434, 0.3356

Deuteranomaly

42.3611, 0.3626, 0.3392

Tritanomaly

42.4288, 0.3748, 0.3209

Monochromacy



Original Color

42.3956, 0.3796, 0.3292

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1211, 0.3348, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3956, 0.3796, 0.3292 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(224, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 157, 157)  
}
```

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(224, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 157, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.3956, 0.3796, 0.3292 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(224, 157, 157) }
```

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

```
.border{ border-color:rgb(224, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 157,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3956, 0.3796, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 157, 157) }
```

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

```
.background{ background-color: rgb(224,  
157, 157) }
```

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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