

Converting Colors

$Y_{xy}(42.0523, 0.3921, 0.3399)$

Have a look what the booklet for
Yxy(42.0523, 0.3921, 0.3399)
contains.

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Color

Yxy(42.0523, 0.3921, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	E29C93
RGB	226, 156, 147
RGB Percent	89%, 61%, 58%
CMY	0.1139, 0.3881, 0.4236
CMYK	0.00, 0.31, 0.35, 0.11
HSL	7°, 58%, 73%
HSV	7°, 35%, 89%
XYZ	48.5105, 42.0523, 33.1569
YIQ	175.9040, 44.6090, 12.0410

Conversions

Conversions Part 2

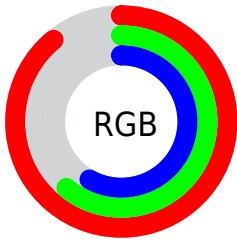
Format	Color
R _Y B	226, 157, 147
Decimal	14851219
CIE Lab	70.91, 24.98, 15.28
CIE LCh	71, 29.285, 31.461
Yxy	42.0523, 0.3921, 0.3399
Android (android.graphics.Color)	4293041299 (0xFFE29C93)
YUV	175.9040, -14.2497, 43.9342
Hunter-Lab	64.8477, 20.0464, 15.0783

Details

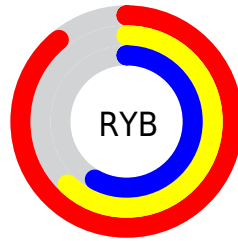
The Yxy color **42.0523, 0.3921, 0.3399** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.2801, 0.2620, 0.3176**, and the grayscale version is **43.4221, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0656, 0.3535, 0.3394**, and **19.1802, 0.4173, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **35.2404, 0.4265, 0.3430**, and if you desaturate by 10%, it is **50.1140, 0.3634, 0.3367**.

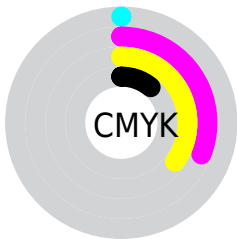
Distribution



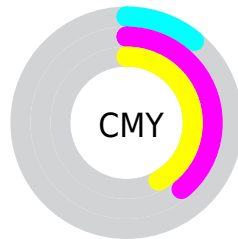
- Red (89%)
- Green (61%)
- Blue (58%)



- Red (89%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (31%)
- Yellow (35%)
- Black (11%)





- Cyan (11%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0523, 0.3921, 0.3399 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 42.0523, 0.3921, 0.3399 by changing the saturation by 10% instead.


 42.0523, 0.3921,
0.3399

 42.0523, 0.3921,
0.3399


354.6997, 0.3513,
0.3355

 29.1422, 0.4026,
0.3406


 78.2788, 0.3770,
0.3386

 19.1885, 0.4162,
0.3413


 102.3640, 0.3715,
0.3380

 11.8065, 0.4344,
0.3417


130.9430, 0.3668,
0.3375

 6.6121, 0.4603,
0.3414

164.4003, 0.3628,
0.3370

 3.2207, 0.4991,
0.3390

203.1202, 0.3593,
0.3366

 1.2480, 0.5877,
0.3444

247.4872, 0.3563,

 0.1004, 0.8754,

0.3362

0.1246

297.8855, 0.3537,
0.3359

0.0000, 0.0000,
0.0000

42.0523, 0.3921,
0.3399

42.0523, 0.3921,
0.3399

35.2404, 0.4265,
0.3430

50.1140, 0.3634,
0.3367

29.6098, 0.4665,
0.3454

59.4773, 0.3400,
0.3334

25.0949, 0.5106,
0.3467

70.1985, 0.3208,
0.3304

21.6211, 0.5551,
0.3462

82.3289, 0.3053,
0.3276

19.1044, 0.5943,
0.3435

94.9036, 0.2952,
0.3289

■ 17.4479, 0.6222,
0.3388

■ 16.8962, 0.6318,
0.3365

Harmonies

Analogous

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



42.0523, 0.3650, 0.3064



42.0523, 0.3921, 0.3399



42.0523, 0.3959, 0.3732

Triad

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



42.0523, 0.3921, 0.3399



42.0523, 0.2977, 0.3877



42.0523, 0.2506, 0.2621

Complementary

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



42.0523, 0.3921, 0.3399



61.2801, 0.2620, 0.3176

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.



42.0523, 0.2356, 0.2778



42.0523, 0.3921, 0.3399



42.0523, 0.2613, 0.3509

Square

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



42.0523, 0.3921, 0.3399



42.0523, 0.3398, 0.4051



42.0523, 0.2392, 0.3096



42.0523, 0.2819, 0.2631

Rectangle

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



42.0523, 0.3921, 0.3399



42.0523, 0.3850, 0.3913



42.0523, 0.2392, 0.3096



42.0523, 0.2436, 0.2654

Sweetspot

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



42.0543, 0.3921, 0.3399



84.8941, 0.3301, 0.3319



42.0917, 0.3238, 0.2503



17.7484, 0.3329, 0.3324



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.



42.0543, 0.3921, 0.3399



48.5908, 0.4167, 0.3422



57.0202, 0.3766, 0.3835



13.9518, 0.3289, 0.3317



9.7294, 0.6301, 0.3379



0.7597, 0.6082, 0.3553

Inverse Universe

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



61.2801, 0.2620, 0.3176



77.4544, 0.2530, 0.3149



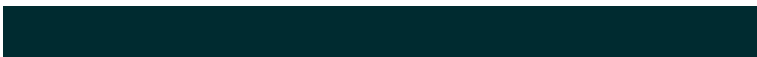
43.7620, 0.2552, 0.2673



15.2904, 0.2982, 0.3262



26.8473, 0.2146, 0.2927



1.9380, 0.2163, 0.2988

Previews

White Background



This preview shows how the Yxy color 42.0523, 0.3921, 0.3399 looks on a white background.

Color Contrast Check

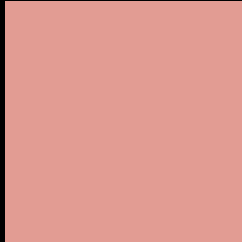
Large Text (above 18pt) WCAG AA × Fail

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 42.0523, 0.3921, 0.3399 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 42.0523, 0.3921, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 42.0523, 0.3921, 0.3399.



This preview shows how white text looks on a background with the Yxy color 42.0523, 0.3921, 0.3399.

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

42.0523, 0.3921, 0.3399

Protanopia

42.1112, 0.3345, 0.3521

Deuteranopia

42.0993, 0.3653, 0.3575



Tritanopia

41.9931, 0.3766, 0.3152

Trichromacy



Original Color

42.0523, 0.3921, 0.3399

Protanomaly

41.8077, 0.3539, 0.3473

Deuteranomaly

41.9713, 0.3746, 0.3504

Tritanomaly

41.9107, 0.3825, 0.3245

Monochromacy



Original Color

42.0523, 0.3921, 0.3399

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5619, 0.3395, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0523, 0.3921, 0.3399 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(226, 156, 147)` looks like.

```
.text, #text, p{  
    color:rgb(226, 156, 147)  
}
```

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(226, 156, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 156, 147) }
```

Border

The CSS property to change the border of an element to Yxy 42.0523, 0.3921, 0.3399 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(226, 156, 147) }
```

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

```
.border{ border-color:rgb(226, 156, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 156, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 156, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 156, 147); box-shadow:4px 4px 4px 4px rgb(226, 156, 147) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0523, 0.3921, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 156, 147) }
```

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

```
.background{ background-color: rgb(226,  
156, 147) }
```

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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