

Converting Colors

$Y_{xy}(40.7908, 0.3922, 0.3417)$

Have a look what the booklet for
Yxy(40.7908, 0.3922, 0.3417)
contains.

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Color

Yxy(40.6544, 0.3921, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	DE9A90
RGB	222, 154, 144
RGB Percent	87%, 60%, 56%
CMY	0.1293, 0.3961, 0.4352
CMYK	0.00, 0.31, 0.35, 0.13
HSL	8°, 54%, 72%
HSV	8°, 35%, 87%
XYZ	46.7192, 40.6544, 31.7776
YIQ	173.1920, 43.7380, 11.3060

Conversions

Conversions Part 2

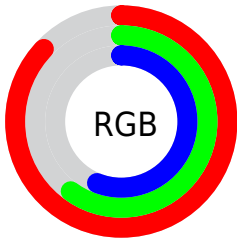
Format	Color
R _Y B	222, 155, 144
Decimal	14588560
CIE Lab	69.93, 24.20, 15.50
CIE LCh	70, 28.735, 32.638
Yxy	40.6544, 0.3921, 0.3412
Android (android.graphics.Color)	4292778640 (0xFFDE9A90)
YUV	173.1920, -14.3917, 42.8046
Hunter-Lab	63.7608, 19.2102, 15.0831

Details

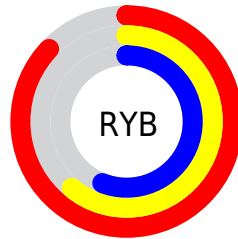
The Yxy color **40.6544, 0.3921, 0.3412** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3145, 0.2616, 0.3162**, and the grayscale version is **41.9522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9381, 0.3562, 0.3404**, and **18.3102, 0.4162, 0.3419** is the 20% darker color. If you saturate the color by 10%, you get **34.1588, 0.4262, 0.3446**, and if you desaturate by 10%, it is **48.3183, 0.3636, 0.3376**.

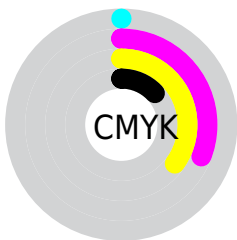
Distribution



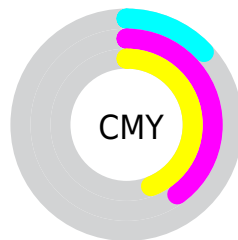
- Red (87%)
- Green (60%)
- Blue (56%)



- Red (87%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (35%)
- Black (13%)




- Cyan (13%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6544, 0.3921, 0.3412 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 40.6544, 0.3921, 0.3412 by changing the saturation by 10% instead.


 40.6544, 0.3921,
0.3412


 40.6544, 0.3921,
0.3412


348.8741, 0.3511,
0.3362

 28.0491, 0.4027,
0.3421


 76.1590, 0.3769,
0.3396

 18.3627, 0.4165,
0.3429


 99.8271, 0.3713,
0.3390

 11.2107, 0.4352,
0.3436


127.9516, 0.3666,
0.3384

 6.2087, 0.4616,
0.3437

160.9169, 0.3626,
0.3378

 2.9724, 0.5017,
0.3415

199.1074, 0.3591,
0.3374

 1.1174, 0.6083,
0.3555

242.9076, 0.3561,

 0.0000, 1.0000,

0.3369

0.0000


292.7016, 0.3534,
0.3365

 0.0000, 0.0000,
0.0000


 40.6544, 0.3921,
0.3412


 40.6544, 0.3921,
0.3412


 34.1588, 0.4262,
0.3446


 48.3183, 0.3636,
0.3376

 28.7684, 0.4657,
0.3474


 57.1979, 0.3402,
0.3340

 24.4232, 0.5093,
0.3488

 67.3451, 0.3211,
0.3306

 21.0548, 0.5534,
0.3483

 78.8070, 0.3055,
0.3275

 18.5868, 0.5924,
0.3454

 91.6265, 0.2928,
0.3247

■ 16.9311, 0.6205,
0.3403

■ 94.2725, 0.2929,
0.3289

■ 16.3819, 0.6301,
0.3379

Harmonies

Analogous

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



40.6544, 0.3660, 0.3078



40.6544, 0.3921, 0.3412



40.6544, 0.3949, 0.3741

Triad

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



40.6544, 0.3921, 0.3412



40.6544, 0.2962, 0.3861



40.6544, 0.2520, 0.2623

Complementary

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



40.6544, 0.3921, 0.3412



58.3145, 0.2616, 0.3162

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.



40.6544, 0.2364, 0.2773



40.6544, 0.3921, 0.3412



40.6544, 0.2605, 0.3491

Square

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



40.6544, 0.3921, 0.3412



40.6544, 0.3380, 0.4042



40.6544, 0.2393, 0.3083



40.6544, 0.2837, 0.2639

Rectangle

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



40.6544, 0.3921, 0.3412



40.6544, 0.3835, 0.3917



40.6544, 0.2393, 0.3083



40.6544, 0.2448, 0.2654

Sweetspot

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



40.6564, 0.3921, 0.3412



83.6965, 0.3320, 0.3326



40.2850, 0.3250, 0.2513



17.5168, 0.3347, 0.3331



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.



40.6564, 0.3921, 0.3412



49.0940, 0.4160, 0.3437



55.2983, 0.3764, 0.3852



13.9816, 0.3289, 0.3321



9.8175, 0.6285, 0.3392



0.7739, 0.6048, 0.3580

Inverse Universe

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



58.3145, 0.2616, 0.3162



76.5965, 0.2527, 0.3133



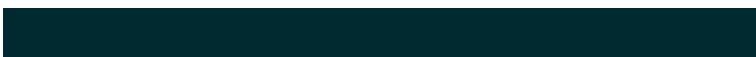
41.4469, 0.2548, 0.2652



15.2575, 0.2982, 0.3259



26.0618, 0.2134, 0.2882



1.8911, 0.2153, 0.2951

Previews

White Background



This preview shows how the Yxy color 40.6544, 0.3921, 0.3412 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 40.6544, 0.3921, 0.3412 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 40.6544, 0.3921, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 40.6544, 0.3921, 0.3412.



This preview shows how white text looks on a background with the Yxy color 40.6544, 0.3921, 0.3412.

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

40.6544, 0.3921, 0.3412

Protanopia

40.9765, 0.3365, 0.3552

Deuteranopia

40.8690, 0.3658, 0.3592



Tritanopia

40.6249, 0.3754, 0.3150

Trichromacy



Original Color

40.6544, 0.3921, 0.3412

Protanomaly

40.6823, 0.3562, 0.3502

Deuteranomaly

40.7383, 0.3753, 0.3520

Tritanomaly

40.5447, 0.3814, 0.3244

Monochromacy



Original Color

40.6544, 0.3921, 0.3412

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9574, 0.3400, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6544, 0.3921, 0.3412 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, 154, 144)` looks like.

```
.text, #text, p{  
    color:rgb(222, 154, 144)  
}
```

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, 154, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 154, 144) }
```

Border

The CSS property to change the border of an element to Yxy 40.6544, 0.3921, 0.3412 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, 154, 144) }
```

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

```
.border{ border-color:rgb(222, 154, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 154, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 154, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 154, 144);  
box-shadow:4px 4px 4px 4px rgb(222, 154,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6544, 0.3921, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 154, 144) }
```

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

```
.background{ background-color: rgb(222,  
154, 144) }
```

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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