

Converting Colors

$Yxy(40.9943, 0.3632, 0.3146)$

Have a look what the booklet for
Yxy(40.9943, 0.3632, 0.3146)
contains.

Yxy(40.9844, 0.3632, 0.3146)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(40.9844, 0.3632, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	D99BA7
RGB	217, 155, 167
RGB Percent	85%, 61%, 65%
CMY	0.1489, 0.3922, 0.3451
CMYK	0.00, 0.29, 0.23, 0.15
HSL	348°, 45%, 73%
HSV	348°, 29%, 85%
XYZ	47.3157, 40.9844, 41.9745
YIQ	174.9060, 33.1000, 16.8760

Conversions

Conversions Part 2

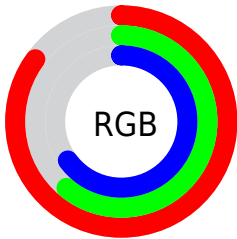
Format	Color
R _Y B	217, 155, 167
Decimal	14261159
CIE Lab	70.16, 24.87, 3.00
CIE LCh	70, 25.051, 6.882
Yxy	40.9844, 0.3632, 0.3146
Android (android.graphics.Color)	4292451239 (0xFFD99BA7)
YUV	174.9060, -3.8977, 36.9164
Hunter-Lab	64.0191, 19.8939, 5.9395

Details

The Yxy color **40.9844, 0.3632, 0.3146** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.0130, 0.2784, 0.3441**, and the grayscale version is **42.8276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6271, 0.3381, 0.3170**, and **18.5154, 0.3789, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **33.7964, 0.3892, 0.3094**, and if you desaturate by 10%, it is **49.5619, 0.3420, 0.3199**.

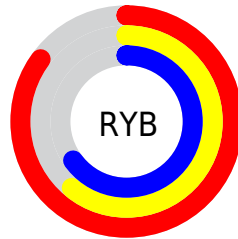
Distribution



Red (85%)

Green (61%)

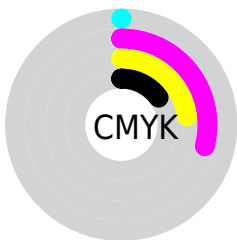
Blue (65%)



Red (85%)

Yellow (61%)

Blue (65%)

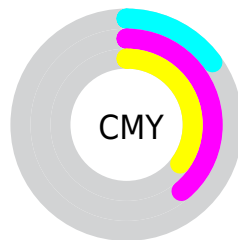


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (39%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9844, 0.3632, 0.3146 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 40.9844, 0.3632, 0.3146 by changing the saturation by 10% instead.


 40.9844, 0.3632,
0.3146

 40.9844, 0.3632,
0.3146


350.2554, 0.3373,
0.3222

 28.3069, 0.3699,
0.3126


 76.6602, 0.3536,
0.3174

 18.5571, 0.3786,
0.3099


 100.4273, 0.3501,
0.3185

 11.3507, 0.3903,
0.3063


128.6597, 0.3471,
0.3194

 6.3032, 0.4072,
0.3009

161.7419, 0.3446,
0.3201

 3.0303, 0.4332,
0.2923

200.0581, 0.3424,
0.3207

 1.1476, 0.4782,
0.2767

243.9928, 0.3405,

 0.0183, 0.9716,

0.3213

0.0284

293.9305, 0.3388,
0.3218

0.0000, 0.0000,
0.0000

40.9844, 0.3632,
0.3146

40.9844, 0.3632,
0.3146

33.7964, 0.3892,
0.3094

49.5619, 0.3420,
0.3199

27.9192, 0.4205,
0.3047

59.5908, 0.3248,
0.3249

23.2748, 0.4571,
0.3011

71.1363, 0.3109,
0.3297

19.7747, 0.4977,
0.2995

84.2578, 0.2997,
0.3340

17.3186, 0.5394,
0.3009

93.4634, 0.2903,
0.3294

■ 15.7885, 0.5776,
0.3057

■ 93.4948, 0.2900,
0.3289

■ 15.0072, 0.6077,
0.3132

■ 14.9219, 0.6113,
0.3141

Harmonies

Analogous

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



40.9844, 0.3292, 0.2892



40.9844, 0.3632, 0.3146



40.9844, 0.3833, 0.3444

Triad

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



40.9844, 0.3632, 0.3146



40.9844, 0.3300, 0.3930



40.9844, 0.2467, 0.2813

Complementary

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



40.9844, 0.3632, 0.3146



61.0130, 0.2784, 0.3441

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.



40.9844, 0.2470, 0.3069



40.9844, 0.3632, 0.3146



40.9844, 0.2937, 0.3744

Square

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



40.9844, 0.3632, 0.3146



40.9844, 0.3629, 0.3912



40.9844, 0.2637, 0.3415



40.9844, 0.2627, 0.2698

Rectangle

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



40.9844, 0.3632, 0.3146



40.9844, 0.3854, 0.3638



40.9844, 0.2637, 0.3415



40.9844, 0.2449, 0.2884

Sweetspot

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



40.9863, 0.3632, 0.3146



85.0861, 0.3256, 0.3247



41.3769, 0.3049, 0.2558



17.7324, 0.3279, 0.3239



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.



40.9863, 0.3632, 0.3146



52.8821, 0.3775, 0.3116



47.2404, 0.3692, 0.3516



13.0925, 0.3261, 0.3245



9.0428, 0.6082, 0.3124



0.5980, 0.5636, 0.2878

Inverse Universe

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



40.9863, 0.3632, 0.3146



52.8821, 0.3775, 0.3116



52.5563, 0.2690, 0.3051



13.0925, 0.3261, 0.3245



9.0428, 0.6082, 0.3124



0.5980, 0.5636, 0.2878

Previews

White Background



This preview shows how the Yxy color 40.9844, 0.3632, 0.3146 looks on a white background.

Color Contrast Check

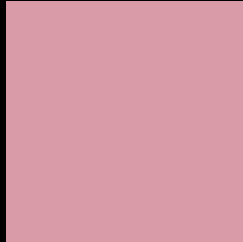
Large Text (above 18pt) WCAG AA × Fail

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 40.9844, 0.3632, 0.3146 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 40.9844, 0.3632, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 40.9844, 0.3632, 0.3146.



This preview shows how white text looks on a background with the Yxy color 40.9844, 0.3632, 0.3146.

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

40.9844, 0.3632, 0.3146

Protanopia

41.2591, 0.3112, 0.3222

Deuteranopia

41.0654, 0.3372, 0.3304



Tritanopia

40.9844, 0.3632, 0.3146

Trichromacy



Original Color

40.9844, 0.3632, 0.3146

Protanomaly

40.8745, 0.3292, 0.3186

Deuteranomaly

40.8732, 0.3458, 0.3240

Tritanomaly

40.9844, 0.3632, 0.3146

Monochromacy



Original Color

40.9844, 0.3632, 0.3146

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

41.9310, 0.3296, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9844, 0.3632, 0.3146 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(217, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(217, 155, 167)  
}
```

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(217, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 155, 167) }
```

Border

The CSS property to change the border of an element to Yxy 40.9844, 0.3632, 0.3146 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(217, 155, 167) }
```

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

```
.border{ border-color:rgb(217, 155, 167) }
```

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

Here you see how a box with a 4 pixel rgb(217, 155, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(217, 155,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9844, 0.3632, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 155, 167) }
```

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

```
.background{ background-color: rgb(217,  
155, 167) }
```

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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