

Converting Colors

$Y_{xy}(40.1443, 0.3553, 0.3233)$

Have a look what the booklet for
Yxy(40.1443, 0.3553, 0.3233)
contains.

Yxy(40.0772, 0.3545, 0.3228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.0772, 0.3545, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	CD9EA3
RGB	205, 158, 163
RGB Percent	80%, 62%, 64%
CMY	0.1961, 0.3804, 0.3608
CMYK	0.00, 0.23, 0.20, 0.20
HSL	354°, 32%, 71%
HSV	354°, 23%, 80%
XYZ	44.0129, 40.0772, 40.0648
YIQ	172.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

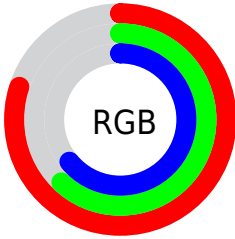
Format	Color
R _Y B	205, 158, 163
Decimal	13475491
CIE Lab	69.52, 18.19, 4.14
CIE LCh	70, 18.652, 12.821
Yxy	40.0772, 0.3545, 0.3228
Android (android.graphics.Color)	4291665571 (0xFFCD9EA3)
YUV	172.6230, -4.7441, 28.3946
Hunter-Lab	63.3066, 13.3129, 6.7918

Details

The Yxy color $40.0772, 0.3545, 0.3228$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.0998, 0.2822, 0.3354$, and the grayscale version is $41.6025, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.9105, 0.3406, 0.3240$, and $17.9398, 0.3682, 0.3206$ is the 20% darker color. If you saturate the color by 10%, you get $33.0489, 0.3803, 0.3200$, and if you desaturate by 10%, it is $48.3708, 0.3337, 0.3256$.

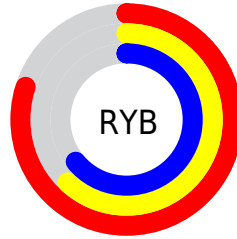
Distribution



Red (80%)

Green (62%)

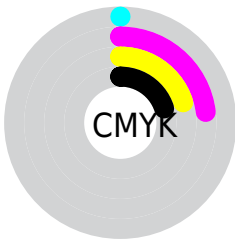
Blue (64%)



Red (80%)

Yellow (62%)

Blue (64%)

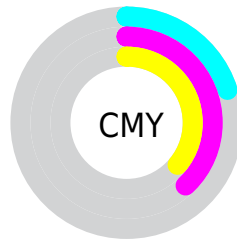


Cyan (0%)

Magenta (23%)

Yellow (20%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0772, 0.3545, 0.3228 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 40.0772, 0.3545, 0.3228 by changing the saturation by 10% instead.


 40.0772, 0.3545,
0.3228


 40.0772, 0.3545,
0.3228


346.4488, 0.3330,
0.3262

 27.5987, 0.3601,
0.3218


 75.2811, 0.3465,
0.3241

 18.0234, 0.3674,
0.3205


 98.7752, 0.3436,
0.3246

 10.9668, 0.3774,
0.3187


126.7101, 0.3411,
0.3250

 6.0445, 0.3917,
0.3159

159.4701, 0.3390,
0.3253

 2.8722, 0.4142,
0.3112

197.4396, 0.3372,
0.3256

 1.0654, 0.4544,
0.3021

241.0029, 0.3356,

 0.0000, 1.0000,

0.3258

0.0000

290.5446, 0.3342,
0.3260

0.0000, 0.0000,
0.0000

40.0772, 0.3545,
0.3228

40.0772, 0.3545,
0.3228

33.0489, 0.3803,
0.3200

48.3708, 0.3337,
0.3256

27.2185, 0.4118,
0.3173

57.9817, 0.3170,
0.3283

22.5207, 0.4492,
0.3150

68.9660, 0.3035,
0.3307

18.8818, 0.4918,
0.3138

81.3746, 0.2926,
0.3329

16.2194, 0.5368,
0.3141

91.6931, 0.2835,
0.3293

■ 14.4386, 0.5790,
0.3164

■ 91.7182, 0.2833,
0.3289

■ 13.4261, 0.6123,
0.3206

■ 13.0353, 0.6285,
0.3236

Harmonies

Analogous

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



40.0772, 0.3308, 0.3021



40.0772, 0.3545, 0.3228



40.0772, 0.3667, 0.3458

Triad

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



40.0772, 0.3545, 0.3228



40.0772, 0.3207, 0.3747



40.0772, 0.2640, 0.2906

Complementary

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



40.0772, 0.3545, 0.3228



55.0998, 0.2822, 0.3354

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.



40.0772, 0.2616, 0.3084



40.0772, 0.3545, 0.3228



40.0772, 0.2936, 0.3584

Square

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



40.0772, 0.3545, 0.3228



40.0772, 0.3464, 0.3770



40.0772, 0.2722, 0.3334



40.0772, 0.2787, 0.2836

Rectangle

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



40.0772, 0.3545, 0.3228



40.0772, 0.3663, 0.3598



40.0772, 0.2722, 0.3334



40.0772, 0.2617, 0.2954

Sweetspot

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



40.0790, 0.3545, 0.3228



88.1500, 0.3235, 0.3272



41.0763, 0.3104, 0.2716



18.6603, 0.3245, 0.3270



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.



40.0790, 0.3545, 0.3228



59.1447, 0.3678, 0.3212



46.5054, 0.3545, 0.3517



11.2327, 0.3274, 0.3266



8.1224, 0.6263, 0.3224



0.4257, 0.5886, 0.3016

Inverse Universe

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



40.0790, 0.3545, 0.3228



59.1447, 0.3678, 0.3212



47.2107, 0.2772, 0.3052



11.2327, 0.3274, 0.3266



8.1224, 0.6263, 0.3224



0.4257, 0.5886, 0.3016

Previews

White Background



This preview shows how the Yxy color 40.0772, 0.3545, 0.3228 looks on a white background.

Color Contrast Check

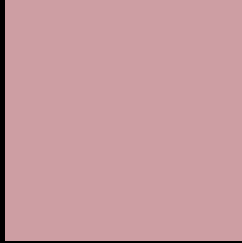
Large Text (above 18pt) WCAG AA × Fail

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 40.0772, 0.3545, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

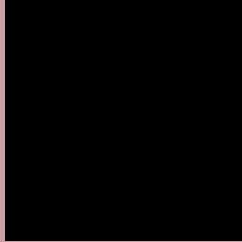
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0772, 0.3545, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 40.0772, 0.3545, 0.3228.



This preview shows how white text looks on a background with the Yxy color 40.0772, 0.3545, 0.3228.

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

40.0772, 0.3545, 0.3228

Protanopia

40.1247, 0.3164, 0.3290

Deuteranopia

40.1067, 0.3394, 0.3317



Tritanopia

40.1003, 0.3498, 0.3140

Trichromacy



Original Color

40.0772, 0.3545, 0.3228

Protanomaly

40.0146, 0.3298, 0.3264

Deuteranomaly

40.0514, 0.3447, 0.3291

Tritanomaly

40.0258, 0.3518, 0.3165

Monochromacy



Original Color

40.0772, 0.3545, 0.3228

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1841, 0.3276, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0772, 0.3545, 0.3228 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(205, 158, 163)` looks like.

```
.text, #text, p{  
    color:rgb(205, 158, 163)  
}
```

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(205, 158, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 158, 163) }
```

Border

The CSS property to change the border of an element to Yxy 40.0772, 0.3545, 0.3228 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(205, 158, 163) }
```

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

```
.border{ border-color:rgb(205, 158, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 158, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 158, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 158, 163);  
box-shadow:4px 4px 4px 4px rgb(205, 158,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0772, 0.3545, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 158, 163) }
```

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

```
.background{ background-color: rgb(205,  
158, 163) }
```

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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