

Converting Colors

$Yxy(41.7504, 0.3555, 0.3279)$

Have a look what the booklet for
Yxy(41.7504, 0.3555, 0.3279)
contains.

Yxy(41.7504, 0.3555, 0.3279)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.7504, 0.3555, 0.3279)

Conversions

Conversions Part 1

Format	Color
Hex	CFA2A3
RGB	207, 162, 163
RGB Percent	81%, 64%, 64%
CMY	0.1882, 0.3647, 0.3609
CMYK	0.00, 0.22, 0.21, 0.19
HSL	359°, 32%, 72%
HSV	359°, 22%, 81%
XYZ	45.2646, 41.7504, 40.3116
YIQ	175.5690, 26.4990, 9.8510

Conversions

Conversions Part 2

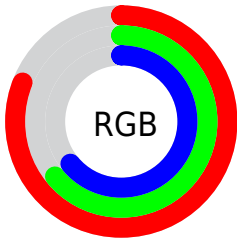
Format	Color
R_{YB}	207, 162, 163
Decimal	13607587
CIE _{Lab}	70.70, 16.76, 5.87
CIE _{LCh}	71, 17.758, 19.301
Yxy	41.7504, 0.3555, 0.3279
Android (android.graphics.Color)	4291797667 (0xFFCFA2A3)
YUV	175.5690, -6.1965, 27.5650
Hunter-Lab	64.6145, 11.9697, 8.2404

Details

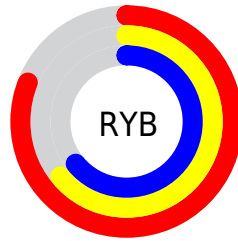
The Yxy color $41.7504, 0.3555, 0.3279$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $56.7728, 0.2812, 0.3301$, and the grayscale version is $43.2034, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.9477, 0.3400, 0.3281$, and $18.9750, 0.3692, 0.3275$ is the 20% darker color. If you saturate the color by 10%, you get $34.3808, 0.3832, 0.3274$, and if you desaturate by 10%, it is $50.4407, 0.3332, 0.3284$.

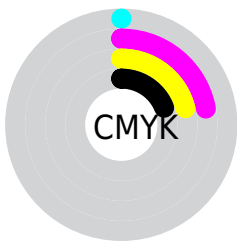
Distribution



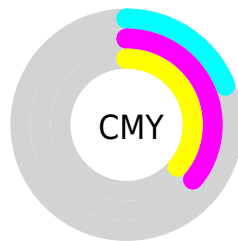
- Red (81%)
- Green (64%)
- Blue (64%)



- Red (81%)
- Yellow (64%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (21%)
- Black (19%)



- Cyan (19%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7504, 0.3555, 0.3279 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 41.7504, 0.3555, 0.3279 by changing the saturation by 10% instead.

 41.7504, 0.3555,
0.3279


 41.7504, 0.3555,
0.3279

353.4472, 0.3336,
0.3288

 28.9059, 0.3612,
0.3276


 77.8217, 0.3474,
0.3283

 19.0096, 0.3685,
0.3271


 101.8173, 0.3444,
0.3284

 11.6772, 0.3785,
0.3264


130.2988, 0.3419,
0.3285

 6.5243, 0.3928,
0.3251

163.6504, 0.3397,
0.3286

 3.1664, 0.4149,
0.3227

202.2567, 0.3379,
0.3286

 1.2192, 0.4537,
0.3174

246.5020, 0.3362,

 0.0773, 0.8619,

0.3287

0.1381

296.7707, 0.3348,
0.3287

0.0000, 0.0000,
0.0000

41.7504, 0.3555,
0.3279

41.7504, 0.3555,
0.3279

34.3808, 0.3832,
0.3274

50.4407, 0.3332,
0.3284

28.2618, 0.4172,
0.3269

60.5057, 0.3154,
0.3289

23.3258, 0.4577,
0.3266

72.0035, 0.3012,
0.3294

19.4964, 0.5035,
0.3265

84.9871, 0.2897,
0.3298

16.6884, 0.5508,
0.3267

92.0076, 0.2844,
0.3289

■ 14.8039, 0.5934,
0.3274

■ 13.7262, 0.6239,
0.3284

■ 13.2774, 0.6381,
0.3289

Harmonies

Analogous

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



41.7504, 0.3351, 0.3075



41.7504, 0.3555, 0.3279



41.7504, 0.3639, 0.3494

Triad

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



41.7504, 0.3555, 0.3279



41.7504, 0.3146, 0.3695



41.7504, 0.2689, 0.2905

Complementary

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



41.7504, 0.3555, 0.3279



56.7728, 0.2812, 0.3301

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.



41.7504, 0.2641, 0.3053



41.7504, 0.3555, 0.3279



41.7504, 0.2898, 0.3519

Square

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



41.7504, 0.3555, 0.3279



41.7504, 0.3397, 0.3747



41.7504, 0.2715, 0.3278



41.7504, 0.2851, 0.2862

Rectangle

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



41.7504, 0.3555, 0.3279



41.7504, 0.3615, 0.3618



41.7504, 0.2715, 0.3278



41.7504, 0.2659, 0.2944

Sweetspot

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



41.7523, 0.3555, 0.3279



88.0611, 0.3244, 0.3287



43.3994, 0.3139, 0.2752



18.6398, 0.3255, 0.3286



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.



41.7523, 0.3555, 0.3279



61.2499, 0.3674, 0.3277



49.7466, 0.3510, 0.3550



11.8123, 0.3287, 0.3285



8.3658, 0.6375, 0.3286



0.4693, 0.6292, 0.3240

Inverse Universe

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



41.7523, 0.3555, 0.3279



61.2499, 0.3674, 0.3277



47.3089, 0.2787, 0.3015



11.8123, 0.3287, 0.3285



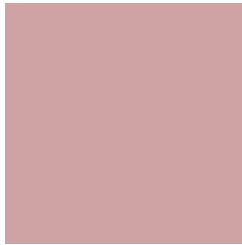
8.3658, 0.6375, 0.3286



0.4693, 0.6292, 0.3240

Previews

White Background



This preview shows how the Yxy color 41.7504, 0.3555, 0.3279 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 41.7504, 0.3555, 0.3279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

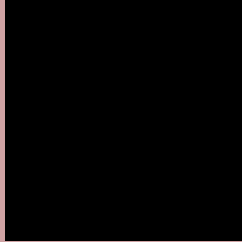
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7504, 0.3555, 0.3279

Background



This preview shows how black text looks on a background with the Yxy color 41.7504, 0.3555, 0.3279.



This preview shows how white text looks on a background with the Yxy color 41.7504, 0.3555, 0.3279.

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

41.7504, 0.3555, 0.3279

Protanopia

41.7167, 0.3197, 0.3331

Deuteranopia

41.7154, 0.3426, 0.3356



Tritanopia

41.5686, 0.3473, 0.3130

Trichromacy



Original Color

41.7504, 0.3555, 0.3279

Protanomaly

41.4867, 0.3322, 0.3304

Deuteranomaly

41.6610, 0.3479, 0.3330

Tritanomaly

41.7642, 0.3509, 0.3192

Monochromacy



Original Color

41.7504, 0.3555, 0.3279

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.6309, 0.3273, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7504, 0.3555, 0.3279 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(207, 162, 163)` looks like.

```
.text, #text, p{  
    color:rgb(207, 162, 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(207, 162, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 162, 163) }
```

Border

The CSS property to change the border of an element to Yxy 41.7504, 0.3555, 0.3279 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(207, 162, 163) }
```

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

```
.border{ border-color:rgb(207, 162, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 162, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 162, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 162, 163);  
box-shadow:4px 4px 4px 4px rgb(207, 162,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7504, 0.3555, 0.3279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 162, 163) }
```

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

```
.background{ background-color: rgb(207,  
162, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor