

Converting Colors

$Y_{xy}(40.8652, 0.3557, 0.3304)$

Have a look what the booklet for
Yxy(40.8652, 0.3557, 0.3304)
contains.

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Color

Yxy(40.8652, 0.3557, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	CCA1A0
RGB	204, 161, 160
RGB Percent	80%, 63%, 63%
CMY	0.1999, 0.3686, 0.3726
CMYK	0.00, 0.21, 0.22, 0.20
HSL	1°, 30%, 71%
HSV	1°, 22%, 80%
XYZ	43.9944, 40.8652, 38.8244
YIQ	173.7430, 25.9490, 8.8050

Conversions

Conversions Part 2

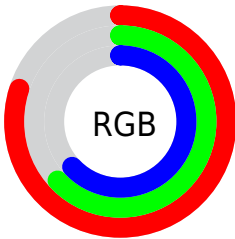
Format	Color
R_{YB}	204, 161, 160
Decimal	13410720
CIE _{Lab}	70.08, 15.73, 6.59
CIE _{LCh}	70, 17.059, 22.739
Yxy	40.8652, 0.3557, 0.3304
Android (android.graphics.Color)	4291600800 (0xFFCCA1A0)
YUV	173.7430, -6.7753, 26.5354
Hunter-Lab	63.9259, 10.9751, 8.7393

Details

The Yxy color **40.8652, 0.3557, 0.3304** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.5505, 0.2808, 0.3276**, and the grayscale version is **42.2155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2780, 0.3423, 0.3301**, and **18.4310, 0.3683, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **33.7895, 0.3836, 0.3311**, and if you desaturate by 10%, it is **49.1727, 0.3332, 0.3297**.

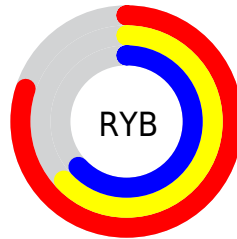
Distribution



Red (80%)

Green (63%)

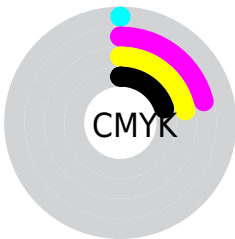
Blue (63%)



Red (80%)

Yellow (63%)

Blue (63%)

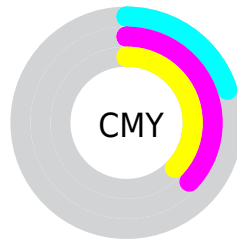


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (20%)



Cyan (20%)


Magenta (37%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8652, 0.3557, 0.3304 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 40.8652, 0.3557, 0.3304 by changing the saturation by 10% instead.


 40.8652, 0.3557,
0.3304


 40.8652, 0.3557,
0.3304


349.7569, 0.3336,
0.3300

 28.2138, 0.3614,
0.3304


 76.4792, 0.3475,
0.3303

 18.4869, 0.3689,
0.3303


 100.2106, 0.3445,
0.3303

 11.3001, 0.3791,
0.3301


128.4041, 0.3419,
0.3302

 6.2691, 0.3937,
0.3296

161.4441, 0.3398,
0.3302

 3.0094, 0.4165,
0.3282

199.7150, 0.3379,
0.3301

 1.1366, 0.4584,
0.3256

243.6011, 0.3363,

 0.0090, 0.9776,

0.3301

0.0224

293.4870, 0.3348,
0.3300

0.0000, 0.0000,
0.0000

40.8652, 0.3557,
0.3304

40.8652, 0.3557,
0.3304

33.7895, 0.3836,
0.3311

49.1727, 0.3332,
0.3297

27.8817, 0.4177,
0.3318

58.7608, 0.3152,
0.3291

23.0808, 0.4583,
0.3324

69.6825, 0.3007,
0.3285

19.3179, 0.5041,
0.3328

81.9860, 0.2891,
0.3280

16.5164, 0.5513,
0.3329

91.5794, 0.2827,
0.3289

■ 14.5892, 0.5937,
0.3324

■ 13.4334, 0.6241,
0.3316

■ 12.9404, 0.6386,
0.3311

Harmonies

Analogous

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



40.8652, 0.3371, 0.3102



40.8652, 0.3557, 0.3304



40.8652, 0.3623, 0.3511

Triad

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



40.8652, 0.3557, 0.3304



40.8652, 0.3117, 0.3667



40.8652, 0.2716, 0.2908

Complementary

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



40.8652, 0.3557, 0.3304



54.5505, 0.2808, 0.3276

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.



40.8652, 0.2655, 0.3040



40.8652, 0.3557, 0.3304



40.8652, 0.2881, 0.3486

Square

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



40.8652, 0.3557, 0.3304



40.8652, 0.3362, 0.3733



40.8652, 0.2714, 0.3252



40.8652, 0.2883, 0.2878

Rectangle

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



40.8652, 0.3557, 0.3304



40.8652, 0.3589, 0.3626



40.8652, 0.2714, 0.3252



40.8652, 0.2682, 0.2941

Sweetspot

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



40.8671, 0.3557, 0.3304



89.8824, 0.3228, 0.3294



42.3049, 0.3158, 0.2767



19.0132, 0.3240, 0.3294



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.



40.8671, 0.3557, 0.3304



61.8399, 0.3682, 0.3307



49.1368, 0.3501, 0.3574



11.2539, 0.3290, 0.3296



8.1620, 0.6382, 0.3315



0.4358, 0.6318, 0.3366

Inverse Universe

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



54.5505, 0.2808, 0.3276



88.5597, 0.2744, 0.3273



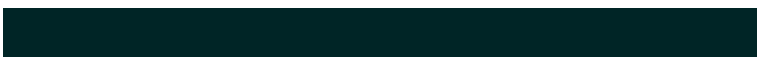
44.9919, 0.2788, 0.2988



12.6814, 0.2984, 0.3284



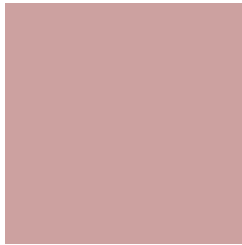
28.5742, 0.2227, 0.3219



1.4883, 0.2231, 0.3233

Previews

White Background



This preview shows how the Yxy color 40.8652, 0.3557, 0.3304 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 40.8652, 0.3557, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

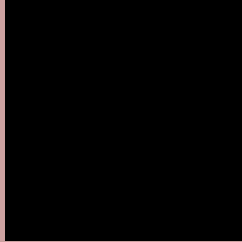
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8652, 0.3557, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 40.8652, 0.3557, 0.3304.



This preview shows how white text looks on a background with the Yxy color 40.8652, 0.3557, 0.3304.

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

40.8652, 0.3557, 0.3304

Protanopia

41.0725, 0.3224, 0.3372

Deuteranopia

41.1131, 0.3447, 0.3383



Tritanopia

40.7540, 0.3455, 0.3128

Trichromacy



Original Color

40.8652, 0.3557, 0.3304

Protanomaly

40.7209, 0.3341, 0.3344

Deuteranomaly

40.9244, 0.3490, 0.3356

Tritanomaly

40.9479, 0.3492, 0.3190

Monochromacy



Original Color

40.8652, 0.3557, 0.3304

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.5548, 0.3275, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8652, 0.3557, 0.3304 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(204, 161, 160)` looks like.

```
.text, #text, p{  
    color:rgb(204, 161, 160)  
}
```

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(204, 161, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 161, 160) }
```

Border

The CSS property to change the border of an element to Yxy 40.8652, 0.3557, 0.3304 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(204, 161, 160) }
```

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

```
.border{ border-color:rgb(204, 161, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 161, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 161, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 161, 160);  
box-shadow:4px 4px 4px 4px rgb(204, 161,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8652, 0.3557, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 161, 160) }
```

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

```
.background{ background-color: rgb(204,  
161, 160) }
```

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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