

Converting Colors

$Y_{xy}(40.4352, 0.3665, 0.3312)$

Have a look what the booklet for
Yxy(40.4352, 0.3665, 0.3312)
contains.

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Color

Yxy(40.5557, 0.3664, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	D29E9C
RGB	210, 158, 156
RGB Percent	82%, 62%, 61%
CMY	0.1766, 0.3803, 0.3883
CMYK	0.00, 0.25, 0.26, 0.18
HSL	2°, 37%, 72%
HSV	2°, 26%, 82%
XYZ	44.7983, 40.5557, 36.9122
YIQ	173.3200, 31.6340, 10.4020

Conversions

Conversions Part 2

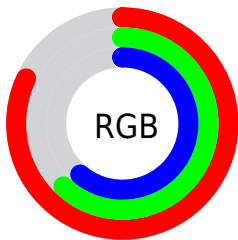
Format	Color
R _Y B	210, 158, 156
Decimal	13803164
CIE Lab	69.86, 19.01, 8.59
CIE LCh	70, 20.862, 24.302
Yxy	40.5557, 0.3664, 0.3317
Android (android.graphics.Color)	4291993244 (0xFFD29E9C)
YUV	173.3200, -8.5388, 32.1684
Hunter-Lab	63.6834, 14.1207, 10.2127

Details

The Yxy color **40.5557, 0.3664, 0.3317** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7976, 0.2750, 0.3263**, and the grayscale version is **41.9932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5016, 0.3465, 0.3322**, and **18.1980, 0.3824, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **33.5700, 0.3966, 0.3328**, and if you desaturate by 10%, it is **48.8014, 0.3419, 0.3306**.

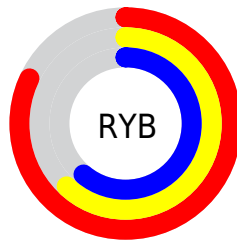
Distribution



Red (82%)

Green (62%)

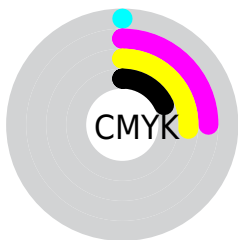
Blue (61%)



Red (82%)

Yellow (62%)

Blue (61%)

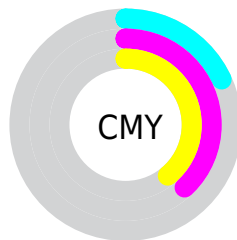


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (18%)



Cyan (18%)


Magenta (38%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5557, 0.3664, 0.3317 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 40.5557, 0.3664, 0.3317 by changing the saturation by 10% instead.


 40.5557, 0.3664,
0.3317


 40.5557, 0.3664,
0.3317


348.4602, 0.3387,
0.3308

 27.9721, 0.3736,
0.3318


 76.0090, 0.3561,
0.3315

 18.3046, 0.3830,
0.3317


 99.6474, 0.3523,
0.3314

 11.1689, 0.3958,
0.3315


127.7396, 0.3492,
0.3313

 6.1806, 0.4141,
0.3308

160.6699, 0.3464,
0.3312

 2.9552, 0.4426,
0.3288

198.8227, 0.3441,
0.3311

 1.1084, 0.4989,
0.3273

242.5824, 0.3421,

 0.0000, 1.0000,

0.3310

0.0000

292.3335, 0.3403,
0.3309

0.0000, 0.0000,
0.0000

40.5557, 0.3664,
0.3317

40.5557, 0.3664,
0.3317

33.5700, 0.3966,
0.3328

48.8014, 0.3419,
0.3306

27.7770, 0.4332,
0.3339

58.3588, 0.3222,
0.3296

23.1117, 0.4758,
0.3347

69.2837, 0.3063,
0.3286

19.5007, 0.5225,
0.3351

81.6270, 0.2936,
0.3277

16.8618, 0.5684,
0.3348

92.4372, 0.2860,
0.3289

■ 15.1009, 0.6067,
0.3337

■ 14.1050, 0.6311,
0.3320

■ 13.8690, 0.6377,
0.3318

Harmonies

Analogous

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



40.5557, 0.3440, 0.3072



40.5557, 0.3664, 0.3317



40.5557, 0.3736, 0.3567

Triad

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



40.5557, 0.3664, 0.3317



40.5557, 0.3096, 0.3749



40.5557, 0.2634, 0.2818

Complementary

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



40.5557, 0.3664, 0.3317



56.7976, 0.2750, 0.3263

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.



40.5557, 0.2554, 0.2970



40.5557, 0.3664, 0.3317



40.5557, 0.2811, 0.3517

Square

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



40.5557, 0.3664, 0.3317



40.5557, 0.3398, 0.3836



40.5557, 0.2617, 0.3225



40.5557, 0.2842, 0.2791

Rectangle

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



40.5557, 0.3664, 0.3317



40.5557, 0.3687, 0.3707



40.5557, 0.2617, 0.3225



40.5557, 0.2591, 0.2855

Sweetspot

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



40.5576, 0.3664, 0.3317



86.8633, 0.3265, 0.3298



42.0315, 0.3173, 0.2674



18.0967, 0.3294, 0.3300



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.



40.5576, 0.3664, 0.3317



56.6049, 0.3827, 0.3323



50.7015, 0.3583, 0.3643



11.8786, 0.3290, 0.3299



8.4955, 0.6370, 0.3324



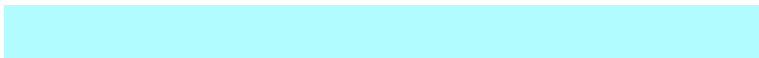
0.5007, 0.6272, 0.3402

Inverse Universe

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



56.7976, 0.2750, 0.3263



86.0774, 0.2677, 0.3256



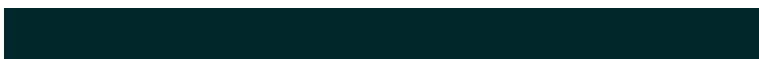
44.8381, 0.2718, 0.2909



13.3274, 0.2983, 0.3281



28.6630, 0.2215, 0.3173



1.6270, 0.2221, 0.3195

Previews

White Background



This preview shows how the Yxy color 40.5557, 0.3664, 0.3317 looks on a white background.

Color Contrast Check

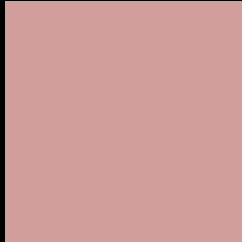
Large Text (above 18pt) WCAG AA × Fail

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 40.5557, 0.3664, 0.3317 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 40.5557, 0.3664, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 40.5557, 0.3664, 0.3317.



This preview shows how white text looks on a background with the Yxy color 40.5557, 0.3664, 0.3317.

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

40.5557, 0.3664, 0.3317

Protanopia

40.6239, 0.3242, 0.3387

Deuteranopia

40.7462, 0.3496, 0.3423



Tritanopia

40.4530, 0.3560, 0.3143

Trichromacy



Original Color

40.5557, 0.3664, 0.3317

Protanomaly

40.5019, 0.3389, 0.3371

Deuteranomaly

40.4866, 0.3563, 0.3382

Tritanomaly

40.6432, 0.3597, 0.3205

Monochromacy



Original Color

40.5557, 0.3664, 0.3317

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.2344, 0.3303, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5557, 0.3664, 0.3317 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(210, 158, 156)` looks like.

```
.text, #text, p{  
    color:rgb(210, 158, 156)  
}
```

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(210, 158, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 158, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.5557, 0.3664, 0.3317 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(210, 158, 156) }
```

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

```
.border{ border-color:rgb(210, 158, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 158, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 158, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 158, 156);  
box-shadow:4px 4px 4px 4px rgb(210, 158,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5557, 0.3664, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 158, 156) }
```

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

```
.background{ background-color: rgb(210,  
158, 156) }
```

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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