

Converting Colors

$Y_{xy}(40.0649, 0.3439, 0.3320)$

Have a look what the booklet for
Yxy(40.0649, 0.3439, 0.3320)
contains.

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Color

Yxy(40.1051, 0.3434, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	C1A3A1
RGB	193, 163, 161
RGB Percent	76%, 64%, 63%
CMY	0.2432, 0.3607, 0.3685
CMYK	0.00, 0.16, 0.17, 0.24
HSL	4°, 20%, 69%
HSV	4°, 17%, 76%
XYZ	41.5197, 40.1051, 39.2829
YIQ	171.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

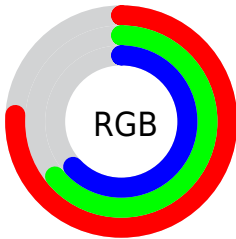
Format	Color
R _Y B	193, 163, 161
Decimal	12690337
CIE Lab	69.54, 10.66, 5.11
CIE LCh	70, 11.818, 25.628
Yxy	40.1051, 0.3434, 0.3317
Android (android.graphics.Color)	4290880417 (0xFFC1A3A1)
YUV	171.7420, -5.2958, 18.6433
Hunter-Lab	63.3286, 6.2038, 7.5522

Details

The Yxy color $40.1051, 0.3434, 0.3317$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $48.6870, 0.2879, 0.3263$, and the grayscale version is $41.1386, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.4247, 0.3376, 0.3311$, and $17.9836, 0.3523, 0.3309$ is the 20% darker color. If you saturate the color by 10%, you get $33.5032, 0.3679, 0.3335$, and if you desaturate by 10%, it is $47.7355, 0.3236, 0.3300$.

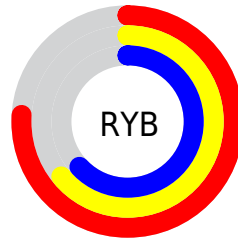
Distribution



Red (76%)

Green (64%)

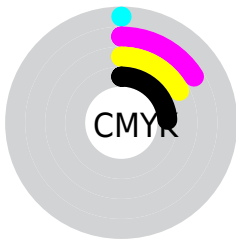
Blue (63%)



Red (76%)

Yellow (64%)

Blue (63%)

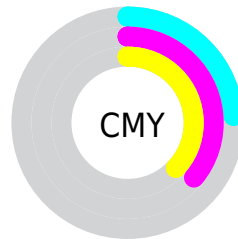


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (36%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1051, 0.3434, 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 40.1051, 0.3434, 0.3317 by changing the saturation by 10% instead.


 40.1051, 0.3434,
0.3317


 40.1051, 0.3434,
0.3317


346.5664, 0.3276,
0.3305

 27.6205, 0.3475,
0.3320


 75.3235, 0.3375,
0.3313

 18.0398, 0.3529,
0.3323


 98.8261, 0.3354,
0.3311

 10.9786, 0.3602,
0.3326


126.7702, 0.3335,
0.3310

 6.0524, 0.3708,
0.3329

159.5402, 0.3320,
0.3309

 2.8770, 0.3875,
0.3332

197.5203, 0.3307,
0.3308

 1.0678, 0.4185,
0.3337

241.0952, 0.3295,


 0.0000, 1.0000,


0.3307


0.0000


290.6490, 0.3285,
0.3306

 0.0000, 0.0000,
0.0000


 40.1051, 0.3434,
0.3317


 40.1051, 0.3434,
0.3317

 33.5032, 0.3679,
0.3335

 47.7355, 0.3236,
0.3300


 27.8807, 0.3979,
0.3353


 56.4301, 0.3076,
0.3285


 23.1927, 0.4340,
0.3369

 66.2295, 0.2946,
0.3271

 19.3884, 0.4759,
0.3382

 77.1705, 0.2840,
0.3258

 16.4124, 0.5217,
0.3387

 89.1252, 0.2766,
0.3273

■ 14.2030, 0.5667,
0.3382

■ 90.0743, 0.2768,
0.3289

■ 12.6897, 0.6047,
0.3364

■ 11.7886, 0.6297,
0.3337

■ 11.5969, 0.6358,
0.3334

Harmonies

Analogous

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



40.1051, 0.3312, 0.3171



40.1051, 0.3434, 0.3317



40.1051, 0.3471, 0.3460

Triad

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



40.1051, 0.3434, 0.3317



40.1051, 0.3105, 0.3540



40.1051, 0.2846, 0.3017

Complementary

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



40.1051, 0.3434, 0.3317



48.6870, 0.2879, 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.



40.1051, 0.2795, 0.3106



40.1051, 0.3434, 0.3317



40.1051, 0.2942, 0.3412

Square

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



40.1051, 0.3434, 0.3317



40.1051, 0.3278, 0.3596



40.1051, 0.2829, 0.3251



40.1051, 0.2972, 0.3000

Rectangle

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



40.1051, 0.3434, 0.3317



40.1051, 0.3442, 0.3536



40.1051, 0.2829, 0.3251



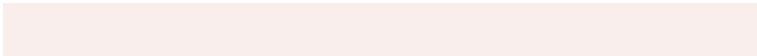
40.1051, 0.2820, 0.3039

Sweetspot

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



40.1069, 0.3434, 0.3317



87.6982, 0.3210, 0.3298



40.6118, 0.3160, 0.2905



18.5890, 0.3222, 0.3299



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.1069, 0.3434, 0.3317



67.1952, 0.3520, 0.3324



45.9881, 0.3401, 0.3518



10.1760, 0.3287, 0.3305



7.7574, 0.6348, 0.3342



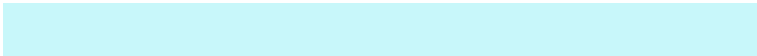
0.3705, 0.6162, 0.3489

Inverse Universe

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



48.6870, 0.2879, 0.3263



85.5609, 0.2825, 0.3256



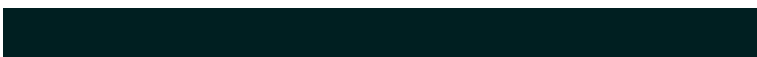
42.2466, 0.2869, 0.3051



11.3178, 0.2984, 0.3275



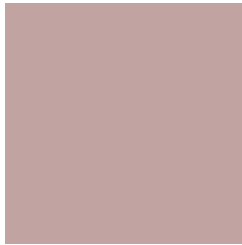
24.5887, 0.2194, 0.3097



1.0954, 0.2206, 0.3143

Previews

White Background



This preview shows how the Yxy color 40.1051, 0.3434, 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 40.1051, 0.3434, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

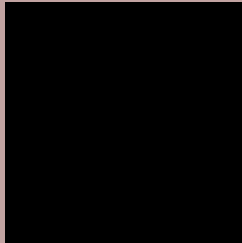
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1051, 0.3434, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 40.1051, 0.3434, 0.3317.



This preview shows how white text looks on a background with the Yxy color 40.1051, 0.3434, 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

40.1051, 0.3434, 0.3317

Protanopia

40.0549, 0.3216, 0.3359

Deuteranopia

40.0713, 0.3403, 0.3331



Tritanopia

40.1478, 0.3336, 0.3123

Trichromacy



Original Color

40.1051, 0.3434, 0.3317

Protanomaly

40.1055, 0.3293, 0.3345

Deuteranomaly

40.2005, 0.3413, 0.3331

Tritanomaly

40.1746, 0.3371, 0.3200

Monochromacy



Original Color

40.1051, 0.3434, 0.3317

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9064, 0.3237, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1051, 0.3434, 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(193, 163, 161)` looks like.

```
.text, #text, p{  
    color:rgb(193, 163, 161)  
}
```

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(193, 163, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 163, 161) }
```

Border

The CSS property to change the border of an element to Yxy 40.1051, 0.3434, 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(193, 163, 161) }
```

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

```
.border{ border-color:rgb(193, 163, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 163, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 163, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 163, 161); box-shadow:4px 4px 4px 4px rgb(193, 163, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1051, 0.3434, 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(193, 163, 161) }
```

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

```
.background{ background-color: rgb(193,  
163, 161) }
```

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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