

Converting Colors

$Yxy(34.1092, 0.4008, 0.3365)$

Have a look what the booklet for
Yxy(34.1092, 0.4008, 0.3365)
contains.

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Color

Yxy(34.1557, 0.4005, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	D48B85
RGB	212, 139, 133
RGB Percent	83%, 55%, 52%
CMY	0.1687, 0.4549, 0.4784
CMYK	0.00, 0.34, 0.37, 0.17
HSL	5°, 48%, 68%
HSV	5°, 37%, 83%
XYZ	40.6157, 34.1557, 26.6410
YIQ	160.1430, 45.4340, 13.6100

Conversions

Conversions Part 2

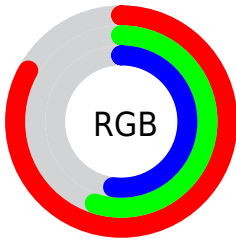
Format	Color
R _Y B	212, 139, 133
Decimal	13929349
CIE Lab	65.09, 27.10, 14.71
CIE LCh	65, 30.835, 28.498
Yxy	34.1557, 0.4005, 0.3368
Android (android.graphics.Color)	4292119429 (0xFFD48B85)
YUV	160.1430, -13.3815, 45.4786
Hunter-Lab	58.4429, 21.7760, 13.8828

Details

The Yxy color **34.1557, 0.4005, 0.3368** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.8721, 0.2598, 0.3209**, and the grayscale version is **35.2713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.9451, 0.3698, 0.3365**, and **14.5881, 0.4286, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **28.4561, 0.4371, 0.3388**, and if you desaturate by 10%, it is **40.9929, 0.3700, 0.3346**.

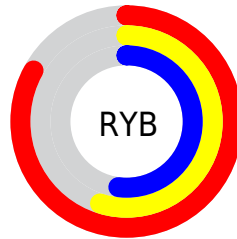
Distribution



Red (83%)

Green (55%)

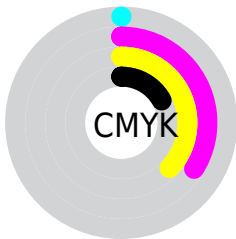
Blue (52%)



Red (83%)

Yellow (55%)

Blue (52%)

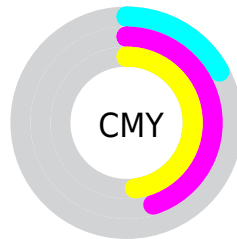


Cyan (0%)

Magenta (34%)

Yellow (37%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1557, 0.4005, 0.3368 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 34.1557, 0.4005, 0.3368 by changing the saturation by 10% instead.


 34.1557, 0.4005,
0.3368


 34.1557, 0.4005,
0.3368


320.8258, 0.3539,
0.3341

 23.0132, 0.4130,
0.3370


 66.1757, 0.3829,
0.3362

 14.6033, 0.4296,
0.3369


 87.8221, 0.3765,
0.3358

 8.5414, 0.4525,
0.3361


 113.7385, 0.3712,
0.3355

 4.4433, 0.4859,
0.3335

144.3094, 0.3666,
0.3352

 1.9245, 0.5394,
0.3266

179.9192, 0.3628,
0.3349

 0.5630, 0.6893,
0.3107

220.9523, 0.3594,

 0.0000, 1.0000,

0.3346

0.0000

267.7930, 0.3565,
0.3343

0.0000, 0.0000,
0.0000

34.1557, 0.4005,
0.3368

34.1557, 0.4005,
0.3368

28.4561, 0.4371,
0.3388

40.9929, 0.3700,
0.3346

23.8277, 0.4793,
0.3403

49.0196, 0.3451,
0.3325

20.2049, 0.5250,
0.3408

58.2902, 0.3249,
0.3304

17.5130, 0.5696,
0.3400

68.8547, 0.3086,
0.3285

15.6665, 0.6067,
0.3377

80.7601, 0.2953,
0.3268

■ 14.5633, 0.6305,
0.3344

■ 92.7358, 0.2872,
0.3289

■ 14.3704, 0.6351,
0.3339

Harmonies

Analogous

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



34.1557, 0.3675, 0.3001



34.1557, 0.4005, 0.3368



34.1557, 0.4074, 0.3744

Triad

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



34.1557, 0.4005, 0.3368



34.1557, 0.3000, 0.3991



34.1557, 0.2406, 0.2549

Complementary

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



34.1557, 0.4005, 0.3368



53.8721, 0.2598, 0.3209

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.



34.1557, 0.2260, 0.2739



34.1557, 0.4005, 0.3368



34.1557, 0.2582, 0.3583

Square

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



34.1557, 0.4005, 0.3368



34.1557, 0.3472, 0.4156



34.1557, 0.2320, 0.3109



34.1557, 0.2738, 0.2546

Rectangle

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



34.1557, 0.4005, 0.3368



34.1557, 0.3965, 0.3959



34.1557, 0.2320, 0.3109



34.1557, 0.2335, 0.2591

Sweetspot

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



34.1574, 0.4005, 0.3368



82.8889, 0.3322, 0.3312



35.2618, 0.3220, 0.2428



17.3261, 0.3349, 0.3315



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.



34.1574, 0.4005, 0.3368



44.6507, 0.4301, 0.3385



47.4350, 0.3825, 0.3839



12.5711, 0.3289, 0.3308



8.9290, 0.6340, 0.3348



0.5928, 0.6162, 0.3489

Inverse Universe

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



53.8721, 0.2598, 0.3209



78.8907, 0.2504, 0.3189



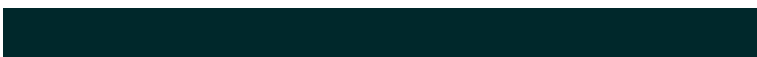
37.4606, 0.2520, 0.2666



13.9385, 0.2983, 0.3272



27.3358, 0.2181, 0.3052



1.6980, 0.2193, 0.3096

Previews

White Background



This preview shows how the Yxy color 34.1557, 0.4005, 0.3368 looks on a white background.

Color Contrast Check

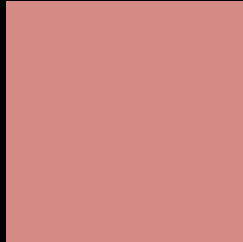
Large Text (above 18pt) WCAG AA × Fail

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 34.1557, 0.4005, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

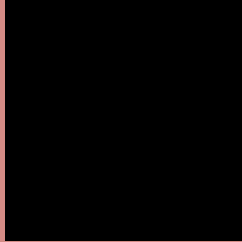
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1557, 0.4005, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 34.1557, 0.4005, 0.3368.



This preview shows how white text looks on a background with the Yxy color 34.1557, 0.4005, 0.3368.

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

34.1557, 0.4005, 0.3368

Protanopia

34.4362, 0.3335, 0.3512

Deuteranopia

34.1624, 0.3659, 0.3587



Tritanopia

34.1440, 0.3864, 0.3167

Trichromacy



Original Color

34.1557, 0.4005, 0.3368

Protanomaly

33.9424, 0.3570, 0.3460

Deuteranomaly

34.0027, 0.3787, 0.3495

Tritanomaly

34.2761, 0.3917, 0.3242

Monochromacy



Original Color

34.1557, 0.4005, 0.3368

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.2422, 0.3424, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1557, 0.4005, 0.3368 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(212, 139, 133)` looks like.

```
.text, #text, p{  
    color:rgb(212, 139, 133)  
}
```

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(212, 139, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 139, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.1557, 0.4005, 0.3368 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(212, 139, 133) }
```

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

```
.border{ border-color:rgb(212, 139, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 139, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 139, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 139, 133); box-shadow:4px 4px 4px 4px rgb(212, 139, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1557, 0.4005, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 139, 133) }
```

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

```
.background{ background-color: rgb(212,  
139, 133) }
```

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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