

Converting Colors

$Yxy(60.0004, 0.3299, 0.3348)$

Have a look what the booklet for
Yxy(60.0004, 0.3299, 0.3348)
contains.

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Color

Yxy(60.0004, 0.3299, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	D9C8C3
RGB	217, 200, 195
RGB Percent	85%, 78%, 76%
CMY	0.1490, 0.2157, 0.2353
CMYK	0.00, 0.08, 0.10, 0.15
HSL	14°, 22%, 81%
HSV	14°, 10%, 85%
XYZ	59.1223, 60.0004, 60.0900
YIQ	204.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

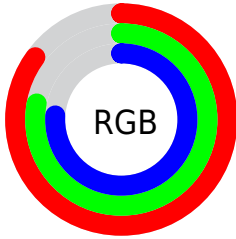
Format	Color
R _Y B	217, 201, 195
Decimal	14272707
CIE Lab	81.84, 5.10, 4.64
CIE LCh	82, 6.892, 42.280
Yxy	60.0004, 0.3299, 0.3348
Android (android.graphics.Color)	4292462787 (0xFFD9C8C3)
YUV	204.5130, -4.6899, 10.9511
Hunter-Lab	77.4599, 0.6875, 8.2274

Details

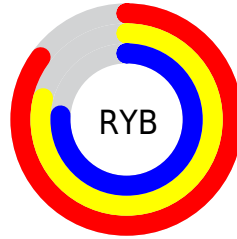
The Yxy color **60.0004, 0.3299, 0.3348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7022, 0.2971, 0.3231**, and the grayscale version is **60.7520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **30.1622, 0.3347, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **51.7465, 0.3503, 0.3409**, and if you desaturate by 10%, it is **69.2539, 0.3129, 0.3291**.

Distribution



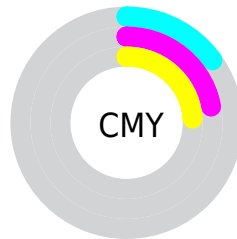
- Red (85%)
- Green (78%)
- Blue (76%)



- Red (85%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0004, 0.3299, 0.3348 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 60.0004, 0.3299, 0.3348 by changing the saturation by 10% instead.

■ 60.0004, 0.3299,
0.3348

■ 60.0004, 0.3299,
0.3348

424.5992, 0.3216,
0.3321

■ 43.4190, 0.3319,
0.3354

104.8302, 0.3270,
0.3338

■ 30.2140, 0.3344,
0.3362

133.8474, 0.3258,
0.3335

■ 20.0011, 0.3376,
0.3372

167.7787, 0.3249,
0.3332

■ 12.3958, 0.3419,
0.3385

207.0083, 0.3241,
0.3329

■ 7.0138, 0.3481,
0.3404

251.9208, 0.3233,
0.3327

■ 3.4708, 0.3576,
0.3430

302.9006, 0.3227,

■ 1.3822, 0.3740,

0.3324

0.3473

360.3319, 0.3221,
0.3323

0.2035, 0.6097,
0.3903

0.0000, 0.0000,
0.0000

60.0004, 0.3299,
0.3348

60.0004, 0.3299,
0.3348

51.7465, 0.3503,
0.3409

69.2539, 0.3129,
0.3291

44.4509, 0.3748,
0.3473

79.5309, 0.2989,
0.3238

38.0807, 0.4038,
0.3535

90.5318, 0.2898,
0.3241

32.5984, 0.4376,
0.3592

93.4940, 0.2900,
0.3289

■ 27.9639, 0.4756,
0.3635

■ 24.1337, 0.5159,
0.3655

■ 21.0603, 0.5553,
0.3641

■ 18.6911, 0.5891,
0.3587

■ 16.9803, 0.6140,
0.3507

Harmonies

Analogous

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



60.0004, 0.3260, 0.3271



60.0004, 0.3299, 0.3348



60.0004, 0.3291, 0.3411

Triad

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



60.0004, 0.3299, 0.3348



60.0004, 0.3068, 0.3384



60.0004, 0.3016, 0.3140

Complementary

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



60.0004, 0.3299, 0.3348



63.7022, 0.2971, 0.3231

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.



60.0004, 0.2966, 0.3167



60.0004, 0.3299, 0.3348



60.0004, 0.2996, 0.3308

Square

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



60.0004, 0.3299, 0.3348



60.0004, 0.3157, 0.3433



60.0004, 0.2959, 0.3228



60.0004, 0.3096, 0.3152

Rectangle

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



60.0004, 0.3299, 0.3348



60.0004, 0.3260, 0.3437



60.0004, 0.2959, 0.3228



60.0004, 0.2995, 0.3145

Sweetspot

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



60.0030, 0.3299, 0.3348



95.8039, 0.3175, 0.3307



58.5470, 0.3174, 0.3095



20.2708, 0.3188, 0.3311



0.0000, 0.0000, 0.0000



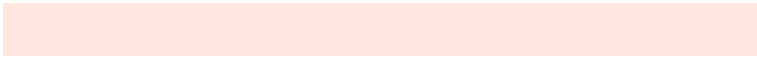
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0030, 0.3299, 0.3348



84.0166, 0.3336, 0.3360



65.1710, 0.3285, 0.3470



13.5295, 0.3286, 0.3344



10.4096, 0.6117, 0.3525



0.8052, 0.5798, 0.3778

Inverse Universe

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



63.7022, 0.2971, 0.3231



90.2913, 0.2941, 0.3219



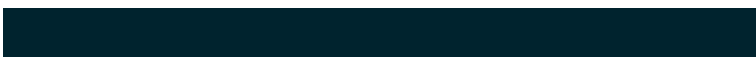
58.4936, 0.2970, 0.3104



14.3011, 0.2982, 0.3236



20.0733, 0.2040, 0.2543



1.4259, 0.2077, 0.2679

Previews

White Background



This preview shows how the Yxy color 60.0004, 0.3299, 0.3348 looks on a white background.

Color Contrast Check

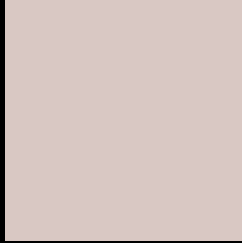
Large Text (above 18pt) WCAG AA × Fail

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 60.0004, 0.3299, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

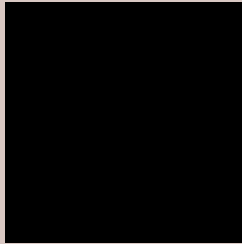
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0004, 0.3299, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 60.0004, 0.3299, 0.3348.



This preview shows how white text looks on a background with the Yxy color 60.0004, 0.3299, 0.3348.

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

60.0004, 0.3299, 0.3348

Protanopia

60.2527, 0.3224, 0.3372

Deuteranopia

60.0868, 0.3368, 0.3302



Tritanopia

59.7967, 0.3183, 0.3110

Trichromacy



Original Color

60.0004, 0.3299, 0.3348

Protanomaly

60.2236, 0.3249, 0.3360

Deuteranomaly

60.0617, 0.3342, 0.3313

Tritanomaly

59.7498, 0.3226, 0.3199

Monochromacy



Original Color

60.0004, 0.3299, 0.3348

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4842, 0.3188, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0004, 0.3299, 0.3348 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(217, 200, 195)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 195)  
}
```

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(217, 200, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 195) }
```

Border

The CSS property to change the border of an element to Yxy 60.0004, 0.3299, 0.3348 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(217, 200, 195) }
```

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

```
.border{ border-color:rgb(217, 200, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 200, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 200, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 200, 195);  
box-shadow:4px 4px 4px 4px rgb(217, 200,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0004, 0.3299, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 200, 195) }
```

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

```
.background{ background-color: rgb(217,  
200, 195) }
```

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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