

Converting Colors

$Yxy(60.3536, 0.3295, 0.3357)$

Have a look what the booklet for
Yxy(60.3536, 0.3295, 0.3357)
contains.

Yxy(60.4651, 0.3298, 0.3359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.4651, 0.3298, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	D9C9C3
RGB	217, 201, 195
RGB Percent	85%, 79%, 76%
CMY	0.1488, 0.2118, 0.2353
CMYK	0.00, 0.07, 0.10, 0.15
HSL	16°, 23%, 81%
HSV	16°, 10%, 85%
XYZ	59.3670, 60.4651, 60.1771
YIQ	205.1000, 11.4620, 1.5260

Conversions

Conversions Part 2

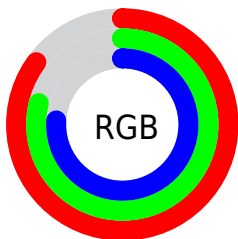
Format	Color
R_{YB}	217, 203, 195
Decimal	14272963
CIE _{Lab}	82.09, 4.60, 4.99
CIE _{LCh}	82, 6.789, 47.331
Yxy	60.4651, 0.3298, 0.3359
Android (android.graphics.Color)	4292463043 (0xFFD9C9C3)
YUV	205.1000, -4.9793, 10.4363
Hunter-Lab	77.7593, 0.2009, 8.5476

Details

The Yxy color **60.4651, 0.3298, 0.3359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2506, 0.2971, 0.3220**, and the grayscale version is **61.1504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **30.4719, 0.3345, 0.3382** is the 20% darker color. If you saturate the color by 10%, you get **52.5537, 0.3499, 0.3431**, and if you desaturate by 10%, it is **69.2850, 0.3130, 0.3291**.

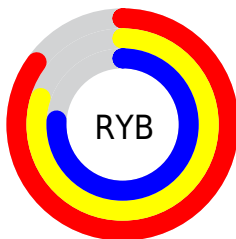
Distribution



Red (85%)

Green (79%)

Blue (76%)



Red (85%)

Yellow (80%)

Blue (76%)

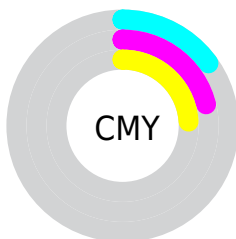


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (15%)



Cyan (15%)


Magenta (21%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4651, 0.3298, 0.3359 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 60.4651, 0.3298, 0.3359 by changing the saturation by 10% instead.


 60.4651, 0.3298,
0.3359

 60.4651, 0.3298,
0.3359


426.3100, 0.3216,
0.3327

 43.7936, 0.3318,
0.3367


105.5041, 0.3269,
0.3348

 30.5083, 0.3342,
0.3376


134.6403, 0.3258,
0.3343

 20.2247, 0.3374,
0.3388


168.7003, 0.3248,
0.3340

 12.5585, 0.3417,
0.3404

208.0685, 0.3240,
0.3336

 7.1252, 0.3478,
0.3426

253.1291, 0.3233,
0.3333

 3.5405, 0.3571,
0.3458

304.2666, 0.3227,

 1.4200, 0.3732,

0.3331

0.3510

361.8655, 0.3221,
0.3329

0.2314, 0.5895,
0.4105

0.0000, 0.0000,
0.0000

60.4651, 0.3298,
0.3359

60.4651, 0.3298,
0.3359

52.5537, 0.3499,
0.3431

69.2850, 0.3130,
0.3291

45.5136, 0.3738,
0.3507

79.0330, 0.2989,
0.3228

39.3171, 0.4019,
0.3581

89.4035, 0.2898,
0.3223

33.9315, 0.4344,
0.3649

93.5016, 0.2900,
0.3289

■ 29.3223, 0.4706,
0.3702

■ 25.4523, 0.5091,
0.3730

■ 22.2809, 0.5467,
0.3720

■ 19.7632, 0.5797,
0.3666

■ 17.8678, 0.6048,
0.3580

Harmonies

Analogous

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



60.4651, 0.3267, 0.3284



60.4651, 0.3298, 0.3359



60.4651, 0.3282, 0.3417

Triad

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



60.4651, 0.3298, 0.3359



60.4651, 0.3055, 0.3371



60.4651, 0.3029, 0.3142

Complementary

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



60.4651, 0.3298, 0.3359



63.2506, 0.2971, 0.3220

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.



60.4651, 0.2974, 0.3162



60.4651, 0.3298, 0.3359



60.4651, 0.2989, 0.3294

Square

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



60.4651, 0.3298, 0.3359



60.4651, 0.3142, 0.3425



60.4651, 0.2959, 0.3218



60.4651, 0.3111, 0.3160

Rectangle

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



60.4651, 0.3298, 0.3359



60.4651, 0.3248, 0.3438



60.4651, 0.2959, 0.3218



60.4651, 0.3007, 0.3144

Sweetspot

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



60.4678, 0.3298, 0.3359



96.0095, 0.3175, 0.3310



58.5089, 0.3182, 0.3107



20.3261, 0.3188, 0.3315



0.0000, 0.0000, 0.0000



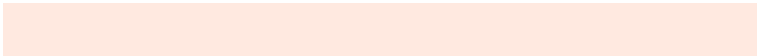
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4678, 0.3298, 0.3359



84.7646, 0.3334, 0.3373



65.7484, 0.3284, 0.3482



13.6224, 0.3285, 0.3354



10.9599, 0.6023, 0.3600



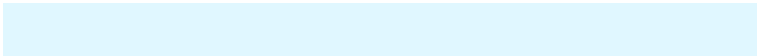
0.8520, 0.5699, 0.3857

Inverse Universe

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



63.2506, 0.2971, 0.3220



89.4771, 0.2941, 0.3206



57.9977, 0.2970, 0.3090



14.2020, 0.2982, 0.3225



18.0665, 0.1997, 0.2390



1.3104, 0.2043, 0.2554

Previews

White Background



This preview shows how the Yxy color 60.4651, 0.3298, 0.3359 looks on a white background.

Color Contrast Check

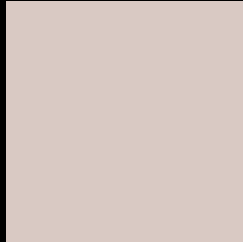
Large Text (above 18pt) WCAG AA × Fail

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 60.4651, 0.3298, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

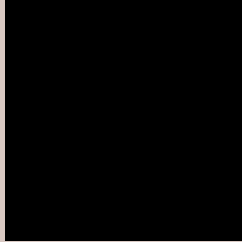
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4651, 0.3298, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 60.4651, 0.3298, 0.3359.



This preview shows how white text looks on a background with the Yxy color 60.4651, 0.3298, 0.3359.

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

60.4651, 0.3298, 0.3359

Protanopia

60.3990, 0.3232, 0.3372

Deuteranopia

60.2489, 0.3376, 0.3302



Tritanopia

60.4589, 0.3183, 0.3111

Trichromacy



Original Color

60.4651, 0.3298, 0.3359

Protanomaly

60.3727, 0.3257, 0.3360

Deuteranomaly

60.0617, 0.3342, 0.3313

Tritanomaly

60.4119, 0.3226, 0.3200

Monochromacy



Original Color

60.4651, 0.3298, 0.3359

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9581, 0.3187, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4651, 0.3298, 0.3359 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, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 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, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 195) }
```

Border

The CSS property to change the border of an element to Yxy 60.4651, 0.3298, 0.3359 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, 201, 195) }
```

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

```
.border{ border-color:rgb(217, 201, 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, 201, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4651, 0.3298, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 195) }
```

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

```
.background{ background-color: rgb(217,  
201, 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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