

Converting Colors

$Yxy(60.0376, 0.3233, 0.3316)$

Have a look what the booklet for
Yxy(60.0376, 0.3233, 0.3316)
contains.

Yxy(60.0429, 0.3236, 0.3313)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.0429, 0.3236, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	D5C9C7
RGB	213, 201, 199
RGB Percent	84%, 79%, 78%
CMY	0.1645, 0.2118, 0.2195
CMYK	0.00, 0.06, 0.07, 0.16
HSL	8°, 14%, 81%
HSV	8°, 7%, 84%
XYZ	58.6474, 60.0429, 62.5439
YIQ	204.3600, 7.7940, 1.9220

Conversions

Conversions Part 2

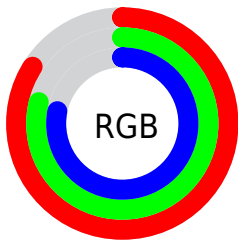
Format	Color
R _Y B	213, 201, 199
Decimal	14010823
CIE Lab	81.86, 3.85, 2.47
CIE LCh	82, 4.579, 32.689
Yxy	60.0429, 0.3236, 0.3313
Android (android.graphics.Color)	4292200903 (0xFFD5C9C7)
YUV	204.3600, -2.6425, 7.5773
Hunter-Lab	77.4874, -0.5026, 6.3852

Details

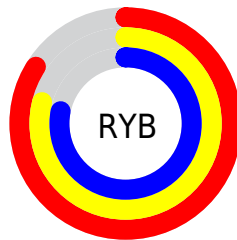
The Yxy color **60.0429, 0.3236, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5791, 0.3026, 0.3267**, and the grayscale version is **60.6419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.1809, 0.3262, 0.3321** is the 20% darker color. If you saturate the color by 10%, you get **51.0878, 0.3432, 0.3350**, and if you desaturate by 10%, it is **70.1602, 0.3076, 0.3279**.

Distribution



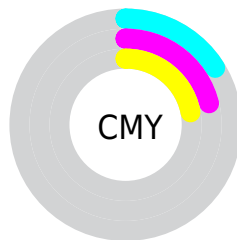
- Red (84%)
- Green (79%)
- Blue (78%)



- Red (84%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0429, 0.3236, 0.3313 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 60.0429, 0.3236, 0.3313 by changing the saturation by 10% instead.

■ 60.0429, 0.3236,
0.3313

■ 60.0429, 0.3236,
0.3313

424.7559, 0.3184,
0.3302

■ 43.4532, 0.3248,
0.3315

104.8919, 0.3217,
0.3309

■ 30.2409, 0.3264,
0.3319

133.9200, 0.3210,
0.3308

■ 20.0215, 0.3284,
0.3323

167.8630, 0.3204,
0.3307

■ 12.4107, 0.3312,
0.3328

207.1054, 0.3199,
0.3305

■ 7.0240, 0.3351,
0.3335

252.0314, 0.3195,
0.3305

■ 3.4771, 0.3410,
0.3345

303.0256, 0.3191,

■ 1.3856, 0.3513,

0.3304

360.4723, 0.3187,
0.3303

0.3362

0.2061, 0.5296,
0.3764

0.0000, 0.0000,
0.0000

60.0429, 0.3236,
0.3313

60.0429, 0.3236,
0.3313

51.0878, 0.3432,
0.3350

70.1602, 0.3076,
0.3279

43.2455, 0.3670,
0.3389

81.4709, 0.2945,
0.3247

36.4749, 0.3959,
0.3429

92.8929, 0.2877,
0.3289

30.7292, 0.4304,
0.3465

■ 25.9583, 0.4701,
0.3494

■ 22.1076, 0.5133,
0.3509

■ 19.1173, 0.5566,
0.3501

■ 16.9204, 0.5944,
0.3467

■ 15.4390, 0.6213,
0.3410

Harmonies

Analogous

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



60.0429, 0.3202, 0.3261



60.0429, 0.3236, 0.3313



60.0429, 0.3241, 0.3359

Triad

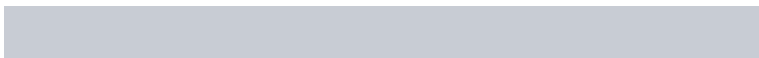
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.0429, 0.3236, 0.3313



60.0429, 0.3107, 0.3365



60.0429, 0.3040, 0.3193

Complementary

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



60.0429, 0.3236, 0.3313



63.5791, 0.3026, 0.3267

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.



60.0429, 0.3015, 0.3220



60.0429, 0.3236, 0.3313



60.0429, 0.3053, 0.3319

Square

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



60.0429, 0.3236, 0.3313



60.0429, 0.3166, 0.3390



60.0429, 0.3020, 0.3266



60.0429, 0.3088, 0.3192

Rectangle

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



60.0429, 0.3236, 0.3313



60.0429, 0.3227, 0.3381



60.0429, 0.3020, 0.3266



60.0429, 0.3028, 0.3199

Sweetspot

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



60.0455, 0.3236, 0.3313



96.9101, 0.3159, 0.3297



59.7219, 0.3148, 0.3151



20.7751, 0.3157, 0.3297



0.0000, 0.0000, 0.0000



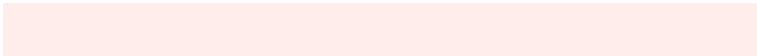
21.4041, 0.3127, 0.3290

Same Dimension

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



60.0455, 0.3236, 0.3313



88.0707, 0.3263, 0.3318



63.3421, 0.3229, 0.3392



12.6989, 0.3288, 0.3323



9.2927, 0.6265, 0.3407



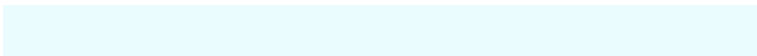
0.6532, 0.5985, 0.3630

Inverse Universe

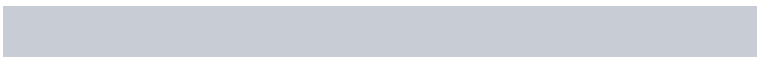
The Inverse Universe completely reimagines the original color for something new.



63.5791, 0.3026, 0.3267



94.5224, 0.3003, 0.3261



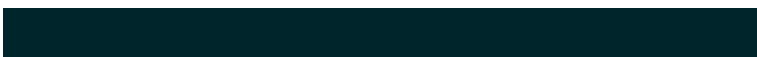
60.2153, 0.3027, 0.3186



13.7971, 0.2983, 0.3256



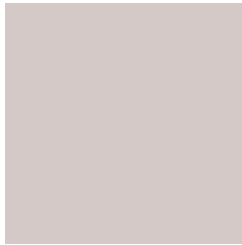
23.7678, 0.2123, 0.2842



1.5170, 0.2146, 0.2927

Previews

White Background



This preview shows how the Yxy color 60.0429, 0.3236, 0.3313 looks on a white background.

Color Contrast Check

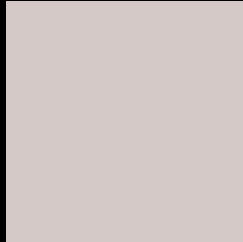
Large Text (above 18pt) WCAG AA × Fail

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 60.0429, 0.3236, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

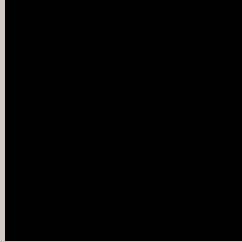
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0429, 0.3236, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 60.0429, 0.3236, 0.3313.



This preview shows how white text looks on a background with the Yxy color 60.0429, 0.3236, 0.3313.

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

60.0429, 0.3236, 0.3313

Protanopia

60.2919, 0.3187, 0.3325

Deuteranopia

59.9499, 0.3321, 0.3257



Tritanopia

60.1490, 0.3143, 0.3120

Trichromacy



Original Color

60.0429, 0.3236, 0.3313

Protanomaly

60.1128, 0.3204, 0.3313

Deuteranomaly

59.7739, 0.3287, 0.3268

Tritanomaly

60.2081, 0.3171, 0.3187

Monochromacy



Original Color

60.0429, 0.3236, 0.3313

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.2415, 0.3165, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0429, 0.3236, 0.3313 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(213, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 199)  
}
```

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(213, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 199) }
```

Border

The CSS property to change the border of an element to Yxy 60.0429, 0.3236, 0.3313 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(213, 201, 199) }
```

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

```
.border{ border-color:rgb(213, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(213, 201,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0429, 0.3236, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 199) }
```

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

```
.background{ background-color: rgb(213,  
201, 199) }
```

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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