

Converting Colors

Yxy(60.3333, 0.3258, 0.3431)

Have a look what the booklet for
Yxy(60.3333, 0.3258, 0.3431)
contains.

Yxy(60.5468, 0.3253, 0.3431)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.5468, 0.3253, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	D1CCC0
RGB	209, 204, 192
RGB Percent	82%, 80%, 75%
CMY	0.1803, 0.2000, 0.2471
CMYK	0.00, 0.02, 0.08, 0.18
HSL	42°, 16%, 79%
HSV	42°, 8%, 82%
XYZ	57.4056, 60.5468, 58.5174
YIQ	204.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

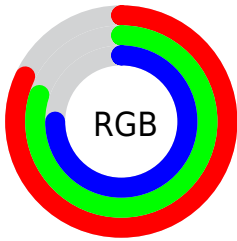
Format	Color
RYB	199, 209, 192
Decimal	13749440
CIELab	82.13, -0.35, 6.59
CIElCh	82, 6.600, 93.030
Yxy	60.5468, 0.3253, 0.3431
Android (android.graphics.Color)	4291939520 (0xFFD1CCC0)
YUV	204.1270, -5.9786, 4.2736
Hunter-Lab	77.8118, -4.4824, 9.8800

Details

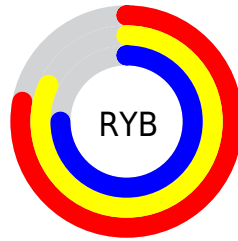
The Yxy color **60.5468, 0.3253, 0.3431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7454, 0.3002, 0.3145**, and the grayscale version is **60.5061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **30.6453, 0.3285, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **56.8140, 0.3421, 0.3611**, and if you desaturate by 10%, it is **64.5326, 0.3100, 0.3259**.

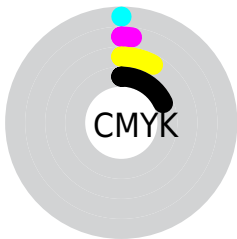
Distribution



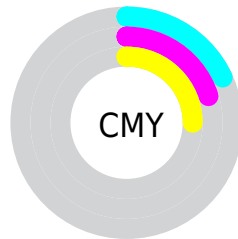
- Red (82%)
- Green (80%)
- Blue (75%)



- Red (78%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (18%)





- Cyan (18%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5468, 0.3253, 0.3431 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 60.5468, 0.3253, 0.3431 by changing the saturation by 10% instead.


 60.5468, 0.3253,
0.3431

 60.5468, 0.3253,
0.3431


426.6103, 0.3193,
0.3364

 43.8595, 0.3267,
0.3447

 105.6225, 0.3232,
0.3407

 30.5601, 0.3285,
0.3467

134.7796, 0.3224,
0.3398

 20.2641, 0.3308,
0.3493


168.8622, 0.3217,
0.3390

 12.5872, 0.3339,
0.3528

208.2546, 0.3211,
0.3383

 7.1449, 0.3383,
0.3578

253.3413, 0.3205,
0.3377

 3.5529, 0.3450,
0.3653

304.5065, 0.3201,

 1.4267, 0.3563,

0.3372

362.1347, 0.3197,
0.3368

0.3781

0.2363, 0.4777,
0.5223

0.0000, 0.0000,
0.0000

60.5468, 0.3253,
0.3431

60.5468, 0.3253,
0.3431

56.8140, 0.3421,
0.3611

64.5326, 0.3100,
0.3259

53.3193, 0.3602,
0.3796

68.7700, 0.2962,
0.3097

50.0582, 0.3794,
0.3979

73.2677, 0.2838,
0.2947

47.0230, 0.3994,
0.4153

76.6337, 0.2840,
0.3011

■ 44.2053, 0.4193,
0.4308

■ 80.1008, 0.2844,
0.3077

■ 41.5958, 0.4383,
0.4434

■ 83.6903, 0.2847,
0.3143

■ 39.1844, 0.4555,
0.4519

■ 87.4035, 0.2851,
0.3208

■ 36.9593, 0.4701,
0.4556

■ 91.2414, 0.2854,
0.3272

■ 34.9037, 0.4817,
0.4545

■ 92.2995, 0.2855,
0.3289

Harmonies

Analogous

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



60.5468, 0.3291, 0.3390



60.5468, 0.3253, 0.3431



60.5468, 0.3182, 0.3434

Triad

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



60.5468, 0.3253, 0.3431



60.5468, 0.2973, 0.3254



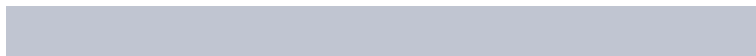
60.5468, 0.3157, 0.3186

Complementary

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



60.5468, 0.3253, 0.3431



55.7454, 0.3002, 0.3145

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.



60.5468, 0.3071, 0.3150



60.5468, 0.3253, 0.3431



60.5468, 0.2966, 0.3188

Square

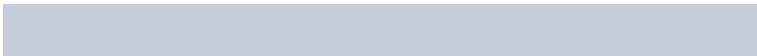
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5468, 0.3253, 0.3431



60.5468, 0.3020, 0.3331



60.5468, 0.3002, 0.3151



60.5468, 0.3235, 0.3249

Rectangle

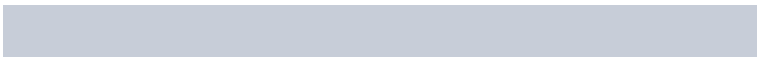
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5468, 0.3253, 0.3431



60.5468, 0.3125, 0.3414



60.5468, 0.3002, 0.3151



60.5468, 0.3128, 0.3171

Sweetspot

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



60.5494, 0.3253, 0.3431



98.7196, 0.3157, 0.3324



55.2852, 0.3227, 0.3230



21.1436, 0.3156, 0.3323



0.0000, 0.0000, 0.0000



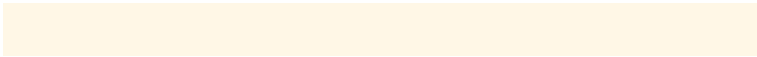
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5494, 0.3253, 0.3431



93.7586, 0.3285, 0.3466



62.4872, 0.3221, 0.3490



13.1839, 0.3273, 0.3453



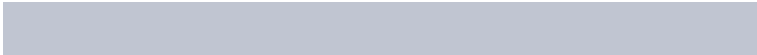
21.4675, 0.4826, 0.4550



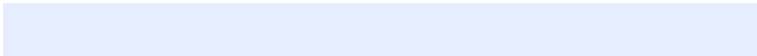
1.3345, 0.4683, 0.4664

Inverse Universe

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



55.7454, 0.3002, 0.3145



84.5422, 0.2971, 0.3108



53.9491, 0.3029, 0.3085



11.9780, 0.2982, 0.3121



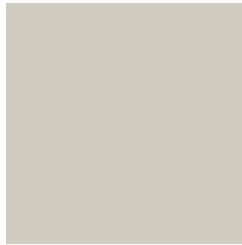
5.0900, 0.1610, 0.0997



0.4225, 0.1714, 0.1370

Previews

White Background



This preview shows how the Yxy color 60.5468, 0.3253, 0.3431 looks on a white background.

Color Contrast Check

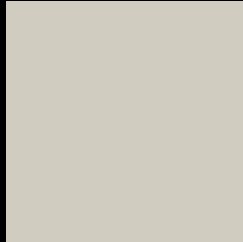
Large Text (above 18pt) WCAG AA × Fail

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 60.5468, 0.3253, 0.3431 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

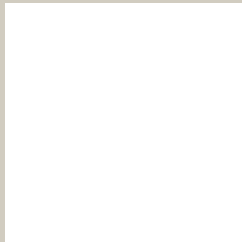
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5468, 0.3253, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 60.5468, 0.3253, 0.3431.



This preview shows how white text looks on a background with the Yxy color 60.5468, 0.3253, 0.3431.

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

60.5468, 0.3253, 0.3431

Protanopia

60.3665, 0.3270, 0.3419

Deuteranopia

60.2767, 0.3408, 0.3336



Tritanopia

60.4126, 0.3113, 0.3109

Trichromacy



Original Color

60.5468, 0.3253, 0.3431

Protanomaly

60.2193, 0.3262, 0.3419

Deuteranomaly

60.5310, 0.3346, 0.3370

Tritanomaly

60.2753, 0.3169, 0.3221

Monochromacy



Original Color

60.5468, 0.3253, 0.3431

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.4777, 0.3171, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5468, 0.3253, 0.3431 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(209, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 192)  
}
```

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(209, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 192) }
```

Border

The CSS property to change the border of an element to Yxy 60.5468, 0.3253, 0.3431 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(209, 204, 192) }
```

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

```
.border{ border-color:rgb(209, 204, 192) }
```

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

Here you see how a box with a 4 pixel rgb(209, 204, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5468, 0.3253, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 192) }
```

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

```
.background{ background-color: rgb(209,  
204, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor