

Converting Colors

Yxy(67.4848, 0.3167, 0.3330)

Have a look what the booklet for
Yxy(67.4848, 0.3167, 0.3330)
contains.

Yxy(67.3952, 0.3162, 0.3324)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.3952, 0.3162, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	D8D6D3
RGB	216, 214, 211
RGB Percent	85%, 84%, 83%
CMY	0.1531, 0.1607, 0.1726
CMYK	0.00, 0.01, 0.02, 0.15
HSL	37°, 6%, 84%
HSV	37°, 2%, 85%
XYZ	64.1106, 67.3952, 71.2475
YIQ	214.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

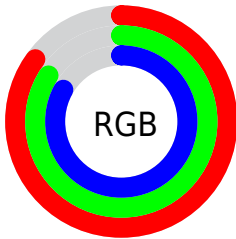
Format	Color
RYB	214, 216, 211
Decimal	14210771
CIELab	85.70, 0.12, 1.72
CIELCh	86, 1.721, 85.937
Yxy	67.3952, 0.3162, 0.3324
Android (android.graphics.Color)	4292400851 (0xFFD8D6D3)
YUV	214.2560, -1.6052, 1.5295
Hunter-Lab	82.0946, -4.2685, 6.0101

Details

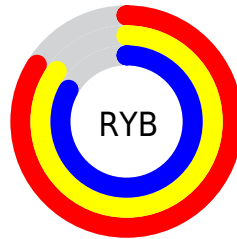
The Yxy color **67.3952, 0.3162, 0.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3476, 0.3093, 0.3256**, and the grayscale version is **67.4331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.8077, 0.3164, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **62.2491, 0.3325, 0.3477**, and if you desaturate by 10%, it is **72.9113, 0.3017, 0.3180**.

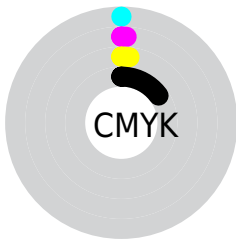
Distribution



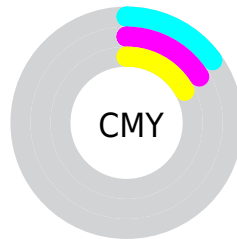
- Red (85%)
- Green (84%)
- Blue (83%)



- Red (84%)
- Yellow (85%)
- Blue (83%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3952, 0.3162, 0.3324 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 67.3952, 0.3162, 0.3324 by changing the saturation by 10% instead.

■ 67.3952, 0.3162,
0.3324

■ 67.3952, 0.3162,
0.3324

451.3502, 0.3146,
0.3308

■ 49.4059, 0.3166,
0.3328

115.4865, 0.3156,
0.3318

■ 34.9415, 0.3171,
0.3332

146.3573, 0.3154,
0.3316

■ 23.6178, 0.3177,
0.3338

182.2906, 0.3152,
0.3314

■ 15.0504, 0.3185,
0.3346

223.6710, 0.3151,
0.3313

■ 8.8548, 0.3196,
0.3357

270.8827, 0.3149,
0.3311

■ 4.6466, 0.3212,
0.3373

324.3102, 0.3148,

■ 2.0414, 0.3239,

0.3310

384.3379, 0.3147,
0.3309

0.3399

0.6314, 0.3347,
0.3504

0.0000, 0.0000,
0.0000

67.3952, 0.3162,
0.3324

67.3952, 0.3162,
0.3324

62.2491, 0.3325,
0.3477

72.9113, 0.3017,
0.3180

57.4552, 0.3506,
0.3638

78.7974, 0.2889,
0.3046

53.0070, 0.3705,
0.3801

83.6535, 0.2888,
0.3126

48.8944, 0.3920,
0.3961

88.6848, 0.2891,
0.3213

■ 45.1069, 0.4147,
0.4109

■ 93.3314, 0.2894,
0.3289

■ 41.6330, 0.4377,
0.4236

■ 38.4602, 0.4601,
0.4328

■ 35.5745, 0.4806,
0.4375

■ 32.9598, 0.4981,
0.4370

Harmonies

Analogous

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



67.3952, 0.3169, 0.3312



67.3952, 0.3162, 0.3324



67.3952, 0.3146, 0.3327

Triad

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



67.3952, 0.3162, 0.3324



67.3952, 0.3090, 0.3286



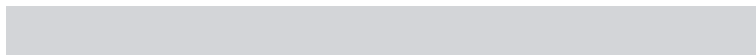
67.3952, 0.3130, 0.3261

Complementary

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



67.3952, 0.3162, 0.3324



66.3476, 0.3093, 0.3256

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.



67.3952, 0.3109, 0.3254



67.3952, 0.3162, 0.3324



67.3952, 0.3086, 0.3268

Square

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



67.3952, 0.3162, 0.3324



67.3952, 0.3104, 0.3305



67.3952, 0.3093, 0.3256



67.3952, 0.3150, 0.3276

Rectangle

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



67.3952, 0.3162, 0.3324



67.3952, 0.3132, 0.3323



67.3952, 0.3093, 0.3256



67.3952, 0.3122, 0.3258

Sweetspot

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



67.3981, 0.3162, 0.3324



99.2065, 0.3142, 0.3305



65.9757, 0.3150, 0.3268



21.2427, 0.3142, 0.3304



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.



67.3981, 0.3162, 0.3324



97.6358, 0.3173, 0.3335



68.3046, 0.3157, 0.3346



14.2998, 0.3185, 0.3346



18.6401, 0.5078, 0.4350



1.2828, 0.4885, 0.4503

Inverse Universe

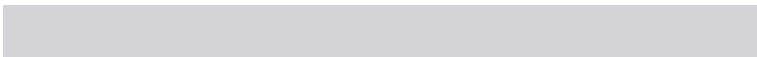
The Inverse Universe completely reimagines the original color for something new.



66.3476, 0.3093, 0.3256



95.6290, 0.3081, 0.3245



65.4572, 0.3097, 0.3234



13.9339, 0.3070, 0.3233



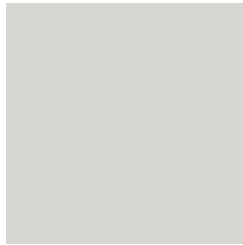
6.8735, 0.1678, 0.1239



0.5729, 0.1774, 0.1587

Previews

White Background



This preview shows how the Yxy color 67.3952, 0.3162, 0.3324 looks on a white background.

Color Contrast Check

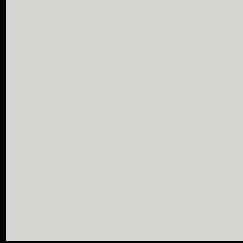
Large Text (above 18pt) WCAG AA × Fail

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 67.3952, 0.3162, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

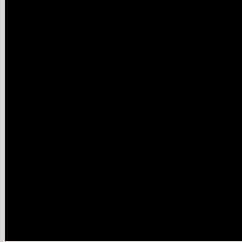
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

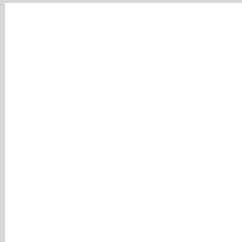
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3952, 0.3162, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 67.3952, 0.3162, 0.3324.

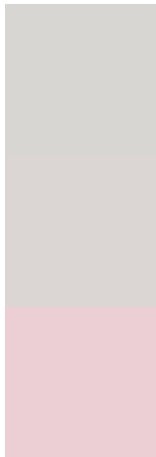


This preview shows how white text looks on a background with the Yxy color 67.3952, 0.3162, 0.3324.

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

67.3952, 0.3162, 0.3324

Protanopia

67.3517, 0.3185, 0.3312

Deuteranopia

67.0413, 0.3305, 0.3237



Tritanopia

67.2500, 0.3070, 0.3104

Trichromacy



Original Color

67.3952, 0.3162, 0.3324

Protanomaly

67.1971, 0.3178, 0.3312

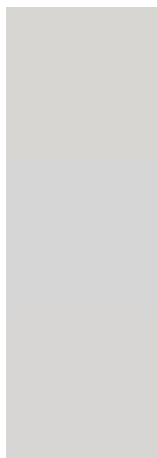
Deuteranomaly

67.3406, 0.3248, 0.3269

Tritanomaly

67.2663, 0.3103, 0.3180

Monochromacy



Original Color

67.3952, 0.3162, 0.3324

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3443, 0.3141, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3952, 0.3162, 0.3324 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(216, 214, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 214, 211)  
}
```

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(216, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 214, 211) }
```

Border

The CSS property to change the border of an element to Yxy 67.3952, 0.3162, 0.3324 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(216, 214, 211) }
```

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

```
.border{ border-color:rgb(216, 214, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 214,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3952, 0.3162, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 214, 211) }
```

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

```
.background{ background-color: rgb(216,  
214, 211) }
```

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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