

Converting Colors

Yxy(62.7802, 0.3240, 0.3341)

Have a look what the booklet for
Yxy(62.7802, 0.3240, 0.3341)
contains.

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Color

Yxy(62.9586, 0.3240, 0.3347)

Conversions

Conversions Part 1

Format	Color
Hex	D8CEC9
RGB	216, 206, 201
RGB Percent	85%, 81%, 79%
CMY	0.1527, 0.1922, 0.2117
CMYK	0.00, 0.05, 0.07, 0.15
HSL	20°, 16%, 82%
HSV	20°, 7%, 85%
XYZ	60.9459, 62.9586, 64.2001
YIQ	208.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

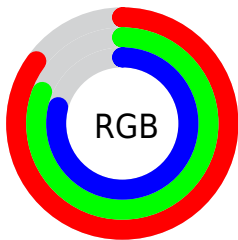
Format	Color
RYB	216, 209, 201
Decimal	14208713
CIELab	83.42, 2.62, 3.71
CIElCh	83, 4.541, 54.711
Yxy	62.9586, 0.3240, 0.3347
Android (android.graphics.Color)	4292398793 (0xFFD8CEC9)
YUV	208.4200, -3.6581, 6.6477
Hunter-Lab	79.3465, -1.7507, 7.5703

Details

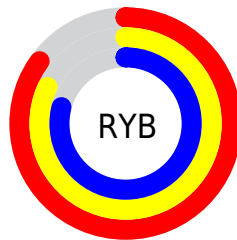
The Yxy color **62.9586, 0.3240, 0.3347** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0059, 0.3020, 0.3232**, and the grayscale version is **63.3900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1401, 0.3266, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **55.3723, 0.3427, 0.3434**, and if you desaturate by 10%, it is **71.3336, 0.3082, 0.3266**.

Distribution



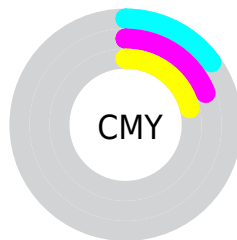
- Red (85%)
- Green (81%)
- Blue (79%)



- Red (85%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9586, 0.3240, 0.3347 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 62.9586, 0.3240, 0.3347 by changing the saturation by 10% instead.

■ 62.9586, 0.3240,
0.3347

■ 62.9586, 0.3240,
0.3347

435.4192, 0.3186,
0.3320

■ 45.8077, 0.3253,
0.3353

109.1098, 0.3221,
0.3338

■ 32.0941, 0.3269,
0.3361

138.8789, 0.3214,
0.3334

■ 21.4334, 0.3289,
0.3371

173.6228, 0.3208,
0.3331

■ 13.4412, 0.3316,
0.3384

213.7260, 0.3202,
0.3328

■ 7.7330, 0.3355,
0.3403

259.5729, 0.3197,
0.3326

■ 3.9246, 0.3413,
0.3430

311.5477, 0.3193,

■ 1.6315, 0.3512,

0.3324

0.3475

370.0351, 0.3190,
0.3322

0.3787, 0.4435,
0.3962

0.0000, 0.0000,
0.0000

62.9586, 0.3240,
0.3347

62.9586, 0.3240,
0.3347

55.3723, 0.3427,
0.3434

71.3336, 0.3082,
0.3266

48.5433, 0.3646,
0.3524

80.5111, 0.2948,
0.3191

42.4502, 0.3903,
0.3615

89.7984, 0.2892,
0.3232

37.0672, 0.4197,
0.3702

93.3480, 0.2895,
0.3289

■ 32.3673, 0.4526,
0.3776

■ 28.3213, 0.4879,
0.3826

■ 24.8978, 0.5234,
0.3840

■ 22.0624, 0.5561,
0.3806

■ 19.7753, 0.5829,
0.3724

Harmonies

Analogous

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



62.9586, 0.3227, 0.3299



62.9586, 0.3240, 0.3347



62.9586, 0.3222, 0.3380

Triad

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



62.9586, 0.3240, 0.3347



62.9586, 0.3067, 0.3332



62.9586, 0.3075, 0.3192

Complementary

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



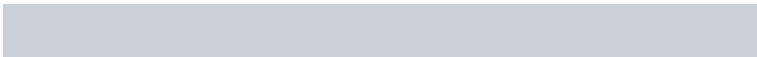
62.9586, 0.3240, 0.3347



64.0059, 0.3020, 0.3232

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.



62.9586, 0.3033, 0.3200



62.9586, 0.3240, 0.3347



62.9586, 0.3028, 0.3280

Square

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



62.9586, 0.3240, 0.3347



62.9586, 0.3123, 0.3372



62.9586, 0.3016, 0.3232



62.9586, 0.3131, 0.3210

Rectangle

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



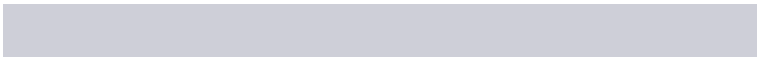
62.9586, 0.3240, 0.3347



62.9586, 0.3196, 0.3390



62.9586, 0.3016, 0.3232



62.9586, 0.3058, 0.3192

Sweetspot

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



62.9613, 0.3240, 0.3347



97.5180, 0.3159, 0.3306



61.1011, 0.3170, 0.3174



20.8990, 0.3157, 0.3305



0.0000, 0.0000, 0.0000



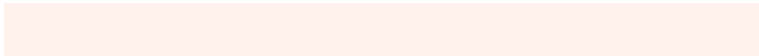
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9613, 0.3240, 0.3347



90.3537, 0.3259, 0.3356



66.5644, 0.3233, 0.3429



13.0855, 0.3283, 0.3368



11.5221, 0.5874, 0.3718



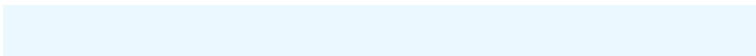
0.8447, 0.5535, 0.3987

Inverse Universe

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



64.0059, 0.3020, 0.3232



92.1021, 0.3003, 0.3223



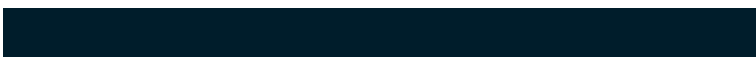
60.4528, 0.3021, 0.3147



13.3831, 0.2982, 0.3211



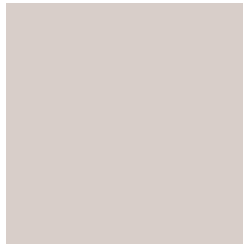
15.0392, 0.1938, 0.2177



1.0559, 0.1998, 0.2392

Previews

White Background



This preview shows how the Yxy color 62.9586, 0.3240, 0.3347 looks on a white background.

Color Contrast Check

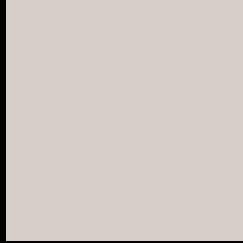
Large Text (above 18pt) WCAG AA × Fail

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 62.9586, 0.3240, 0.3347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

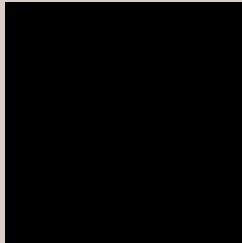
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9586, 0.3240, 0.3347

Background



This preview shows how black text looks on a background with the Yxy color 62.9586, 0.3240, 0.3347.

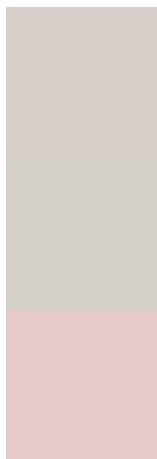


This preview shows how white text looks on a background with the Yxy color 62.9586, 0.3240, 0.3347.

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

62.9586, 0.3240, 0.3347

Protanopia

63.0360, 0.3208, 0.3347

Deuteranopia

62.8606, 0.3349, 0.3280



Tritanopia

62.8864, 0.3135, 0.3112

Trichromacy



Original Color

62.9586, 0.3240, 0.3347

Protanomaly

63.1861, 0.3216, 0.3347

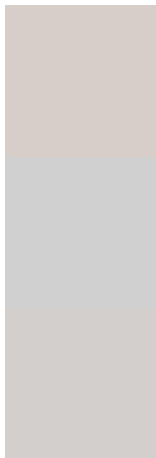
Deuteranomaly

62.9837, 0.3306, 0.3302

Tritanomaly

62.8446, 0.3177, 0.3200

Monochromacy



Original Color

62.9586, 0.3240, 0.3347

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8823, 0.3172, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9586, 0.3240, 0.3347 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, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 201)  
}
```

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, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 201) }
```

Border

The CSS property to change the border of an element to Yxy 62.9586, 0.3240, 0.3347 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, 206, 201) }
```

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

```
.border{ border-color:rgb(216, 206, 201) }
```

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

Here you see how a box with a 4 pixel rgb(216, 206, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 206, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 206, 201);  
box-shadow:4px 4px 4px 4px rgb(216, 206,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9586, 0.3240, 0.3347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 201) }
```

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

```
.background{ background-color: rgb(216,  
206, 201) }
```

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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