

Converting Colors

$Y_{xy}(60.6690, 0.3426, 0.3323)$

Have a look what the booklet for
Yxy(60.6690, 0.3426, 0.3323)
contains.

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Color

Yxy(60.8165, 0.3425, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	E7C5C2
RGB	231, 197, 194
RGB Percent	91%, 77%, 76%
CMY	0.0940, 0.2275, 0.2392
CMYK	0.00, 0.15, 0.16, 0.09
HSL	5°, 44%, 83%
HSV	5°, 16%, 91%
XYZ	62.6644, 60.8165, 59.4809
YIQ	206.8240, 21.2270, 6.2750

Conversions

Conversions Part 2

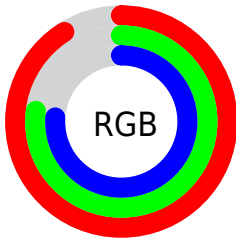
Format	Color
R _Y B	231, 197, 194
Decimal	15189442
CIE Lab	82.28, 11.55, 5.95
CIE LCh	82, 12.998, 27.262
Yxy	60.8165, 0.3425, 0.3324
Android (android.graphics.Color)	4293379522 (0xFFE7C5C2)
YUV	206.8240, -6.3222, 21.2024
Hunter-Lab	77.9849, 6.9592, 9.3676

Details

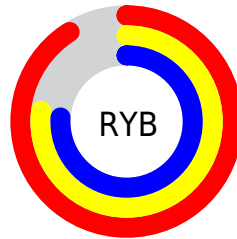
The Yxy color **60.8165, 0.3425, 0.3324** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.7471, 0.2884, 0.3256**, and the grayscale version is **62.3120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0457, 0.3157, 0.3328**, and **30.6523, 0.3507, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **50.8855, 0.3669, 0.3347**, and if you desaturate by 10%, it is **72.2730, 0.3227, 0.3302**.

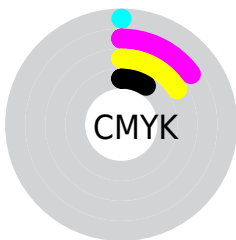
Distribution



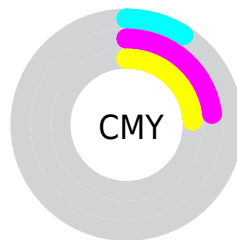
- Red (91%)
- Green (77%)
- Blue (76%)



- Red (91%)
- Yellow (77%)
- Blue (76%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8165, 0.3425, 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 60.8165, 0.3425, 0.3324 by changing the saturation by 10% instead.


 60.8165, 0.3425,
0.3324

 60.8165, 0.3425,
0.3324


427.6009, 0.3282,
0.3309

 44.0771, 0.3459,
0.3327


 106.0132, 0.3374,
0.3319

 30.7311, 0.3502,
0.3331


135.2393, 0.3355,
0.3317

 20.3942, 0.3558,
0.3335


169.3964, 0.3338,
0.3316

 12.6819, 0.3633,
0.3340

208.8689, 0.3324,
0.3314

 7.2099, 0.3739,
0.3345

254.0412, 0.3311,
0.3313

 3.5937, 0.3902,
0.3351

305.2977, 0.3300,

 1.4490, 0.4180,

0.3311

363.0228, 0.3291,
0.3310

0.3351

0.2524, 0.6741,
0.3259

0.0000, 0.0000,
0.0000

60.8165, 0.3425,
0.3324

60.8165, 0.3425,
0.3324

50.8855, 0.3669,
0.3347

72.2730, 0.3227,
0.3302

42.4080, 0.3968,
0.3370

85.3071, 0.3068,
0.3282

35.3182, 0.4328,
0.3392

95.7323, 0.2982,
0.3290

29.5421, 0.4746,
0.3408

■ 24.9988, 0.5202,
0.3415

■ 21.5986, 0.5653,
0.3408

■ 19.2393, 0.6035,
0.3385

■ 17.8006, 0.6286,
0.3349

■ 17.4459, 0.6352,
0.3339

Harmonies

Analogous

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



60.8165, 0.3312, 0.3183



60.8165, 0.3425, 0.3324



60.8165, 0.3455, 0.3460

Triad

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



60.8165, 0.3425, 0.3324



60.8165, 0.3097, 0.3524



60.8165, 0.2863, 0.3026

Complementary

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



60.8165, 0.3425, 0.3324



72.7471, 0.2884, 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.



60.8165, 0.2809, 0.3108



60.8165, 0.3425, 0.3324



60.8165, 0.2942, 0.3398

Square

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



60.8165, 0.3425, 0.3324



60.8165, 0.3263, 0.3582



60.8165, 0.2838, 0.3244



60.8165, 0.2987, 0.3014

Rectangle

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



60.8165, 0.3425, 0.3324



60.8165, 0.3425, 0.3531



60.8165, 0.2838, 0.3244



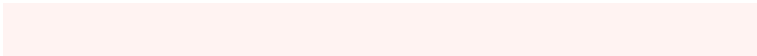
60.8165, 0.2837, 0.3046

Sweetspot

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



60.8192, 0.3425, 0.3324



91.9540, 0.3210, 0.3300



61.2132, 0.3164, 0.2919



19.4485, 0.3222, 0.3302



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.



60.8192, 0.3425, 0.3324



72.0633, 0.3495, 0.3331



69.4801, 0.3394, 0.3520



14.5538, 0.3291, 0.3310



9.8492, 0.6338, 0.3349



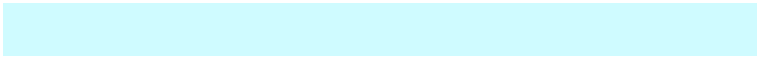
0.7931, 0.6179, 0.3476

Inverse Universe

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



72.7471, 0.2884, 0.3256



89.4718, 0.2839, 0.3249



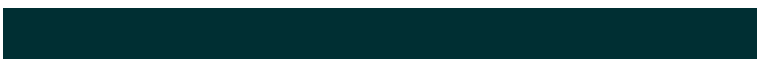
63.3587, 0.2875, 0.3049



16.1269, 0.2982, 0.3270



29.8204, 0.2177, 0.3036



2.2629, 0.2188, 0.3076

Previews

White Background



This preview shows how the Yxy color 60.8165, 0.3425, 0.3324 looks on a white background.

Color Contrast Check

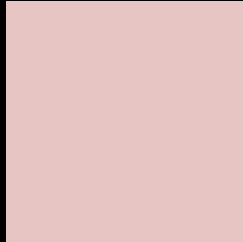
Large Text (above 18pt) WCAG AA × Fail

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 60.8165, 0.3425, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

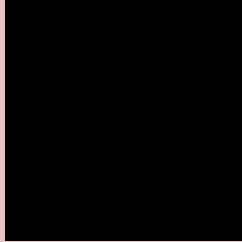
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8165, 0.3425, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 60.8165, 0.3425, 0.3324.

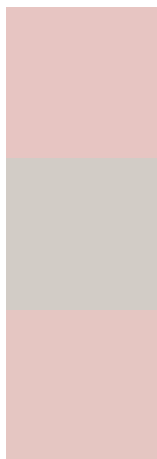


This preview shows how white text looks on a background with the Yxy color 60.8165, 0.3425, 0.3324.

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

60.8165, 0.3425, 0.3324

Protanopia

60.9646, 0.3217, 0.3360

Deuteranopia

60.9412, 0.3407, 0.3335



Tritanopia

61.0070, 0.3319, 0.3127

Trichromacy



Original Color

60.8165, 0.3425, 0.3324

Protanomaly

60.7099, 0.3290, 0.3336

Deuteranomaly

61.1062, 0.3415, 0.3335

Tritanomaly

60.9953, 0.3356, 0.3203

Monochromacy



Original Color

60.8165, 0.3425, 0.3324

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.5751, 0.3235, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8165, 0.3425, 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(231, 197, 194)` looks like.

```
.text, #text, p{  
    color:rgb(231, 197, 194)  
}
```

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(231, 197, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 197, 194) }
```

Border

The CSS property to change the border of an element to Yxy 60.8165, 0.3425, 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(231, 197, 194) }
```

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

```
.border{ border-color:rgb(231, 197, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 197, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 197, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 197, 194);  
box-shadow:4px 4px 4px 4px rgb(231, 197,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8165, 0.3425, 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(231, 197, 194) }
```

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

```
.background{ background-color: rgb(231,  
197, 194) }
```

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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