

Converting Colors

$Yxy(60.8162, 0.3425, 0.3313)$

Have a look what the booklet for
Yxy(60.8162, 0.3425, 0.3313)
contains.

Yxy(61.0284, 0.3425, 0.3313)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.0284, 0.3425, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	E8C5C3
RGB	232, 197, 195
RGB Percent	91%, 77%, 76%
CMY	0.0903, 0.2274, 0.2353
CMYK	0.00, 0.15, 0.16, 0.09
HSL	3°, 45%, 84%
HSV	3°, 16%, 91%
XYZ	63.0915, 61.0284, 60.0889
YIQ	207.2370, 21.5020, 6.7980

Conversions

Conversions Part 2

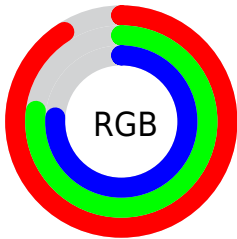
Format	Color
R_{YB}	232, 197, 195
Decimal	15254979
CIE _{Lab}	82.39, 12.05, 5.60
CIE _{LCh}	82, 13.285, 24.908
Yxy	61.0284, 0.3425, 0.3313
Android (android.graphics.Color)	4293445059 (0xFFE8C5C3)
YUV	207.2370, -6.0328, 21.7172
Hunter-Lab	78.1207, 7.4483, 9.0797

Details

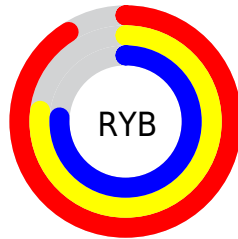
The Yxy color **61.0284, 0.3425, 0.3313** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.0112, 0.2885, 0.3267**, and the grayscale version is **62.5876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1719, 0.3145, 0.3309**, and **30.7981, 0.3507, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **50.8111, 0.3672, 0.3329**, and if you desaturate by 10%, it is **72.8645, 0.3226, 0.3298**.

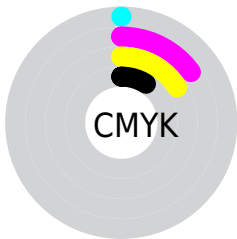
Distribution



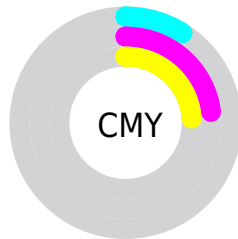
- Red (91%)
- Green (77%)
- Blue (76%)



- 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 61.0284, 0.3425, 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 61.0284, 0.3425, 0.3313 by changing the saturation by 10% instead.

 61.0284, 0.3425,
0.3313

 61.0284, 0.3425,
0.3313

428.3781, 0.3282,
0.3304

 44.2481, 0.3459,
0.3315


 106.3201, 0.3374,
0.3310

 30.8656, 0.3502,
0.3317


135.6002, 0.3355,
0.3309

 20.4965, 0.3558,
0.3319

169.8157, 0.3338,
0.3308

 12.7565, 0.3632,
0.3321

209.3510, 0.3324,
0.3307

 7.2611, 0.3738,
0.3323

254.5905, 0.3311,
0.3306

 3.6259, 0.3900,
0.3323

305.9186, 0.3300,

 1.4666, 0.4177,

0.3305

363.7197, 0.3291,
0.3304

0.3315

0.2650, 0.6732,
0.3268

0.0000, 0.0000,
0.0000

61.0284, 0.3425,
0.3313

61.0284, 0.3425,
0.3313

50.8111, 0.3672,
0.3329

72.8645, 0.3226,
0.3298

42.1346, 0.3975,
0.3345

86.3768, 0.3066,
0.3285

34.9266, 0.4342,
0.3359

95.8928, 0.2987,
0.3290

29.1057, 0.4768,
0.3370

■ 24.5829, 0.5233,
0.3375

■ 21.2586, 0.5690,
0.3370

■ 19.0188, 0.6070,
0.3354

■ 17.7274, 0.6310,
0.3329

■ 17.4296, 0.6371,
0.3323

Harmonies

Analogous

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



61.0284, 0.3305, 0.3171



61.0284, 0.3425, 0.3313



61.0284, 0.3463, 0.3454

Triad

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



61.0284, 0.3425, 0.3313



61.0284, 0.3110, 0.3537



61.0284, 0.2851, 0.3024

Complementary

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



61.0284, 0.3425, 0.3313



74.0112, 0.2885, 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.



61.0284, 0.2802, 0.3113



61.0284, 0.3425, 0.3313



61.0284, 0.2949, 0.3412

Square

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



61.0284, 0.3425, 0.3313



61.0284, 0.3278, 0.3589



61.0284, 0.2838, 0.3255



61.0284, 0.2972, 0.3006

Rectangle

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



61.0284, 0.3425, 0.3313



61.0284, 0.3437, 0.3529



61.0284, 0.2838, 0.3255



61.0284, 0.2825, 0.3047

Sweetspot

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



61.0311, 0.3425, 0.3313



91.7514, 0.3210, 0.3297



61.9080, 0.3159, 0.2915



19.3995, 0.3223, 0.3298



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.



61.0311, 0.3425, 0.3313



71.4291, 0.3497, 0.3318



69.8699, 0.3394, 0.3512



14.4925, 0.3291, 0.3303



9.7341, 0.6360, 0.3332



0.7638, 0.6249, 0.3421

Inverse Universe

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



74.0112, 0.2885, 0.3267



90.2782, 0.2840, 0.3262



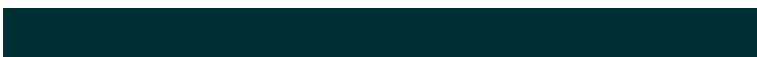
64.3393, 0.2876, 0.3058



16.1956, 0.2982, 0.3277



31.5488, 0.2200, 0.3121



2.3725, 0.2208, 0.3147

Previews

White Background



This preview shows how the Yxy color 61.0284, 0.3425, 0.3313 looks on a white background.

Color Contrast Check

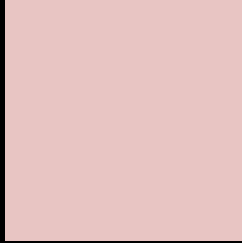
Large Text (above 18pt) WCAG AA × Fail

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 61.0284, 0.3425, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

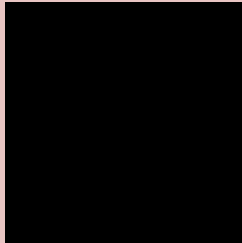
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0284, 0.3425, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 61.0284, 0.3425, 0.3313.

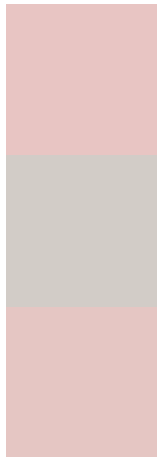


This preview shows how white text looks on a background with the Yxy color 61.0284, 0.3425, 0.3313.

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

61.0284, 0.3425, 0.3313

Protanopia

61.0109, 0.3209, 0.3348

Deuteranopia

60.9863, 0.3399, 0.3324



Tritanopia

61.1758, 0.3327, 0.3127

Trichromacy



Original Color

61.0284, 0.3425, 0.3313

Protanomaly

60.7559, 0.3283, 0.3325

Deuteranomaly

61.1513, 0.3407, 0.3324

Tritanomaly

61.2113, 0.3357, 0.3192

Monochromacy



Original Color

61.0284, 0.3425, 0.3313

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6226, 0.3228, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0284, 0.3425, 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(232, 197, 195)` looks like.

```
.text, #text, p{  
    color:rgb(232, 197, 195)  
}
```

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(232, 197, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 197, 195) }
```

Border

The CSS property to change the border of an element to Yxy 61.0284, 0.3425, 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(232, 197, 195) }
```

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

```
.border{ border-color:rgb(232, 197, 195) }
```

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

Here you see how a box with a 4 pixel rgb(232, 197, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 197, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 197, 195);  
box-shadow:4px 4px 4px 4px rgb(232, 197,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0284, 0.3425, 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(232, 197, 195) }
```

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

```
.background{ background-color: rgb(232,  
197, 195) }
```

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