

Converting Colors

$Yxy(65.6884, 0.3268, 0.3300)$

Have a look what the booklet for
Yxy(65.6884, 0.3268, 0.3300)
contains.

Yxy(65.7855, 0.3271, 0.3301)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.7855, 0.3271, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	E2D0CF
RGB	226, 208, 207
RGB Percent	89%, 82%, 81%
CMY	0.1137, 0.1843, 0.1881
CMYK	0.00, 0.08, 0.08, 0.11
HSL	3°, 25%, 85%
HSV	3°, 8%, 89%
XYZ	65.1876, 65.7855, 68.3165
YIQ	213.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

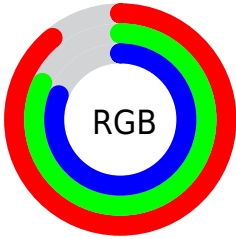
Format	Color
R _Y B	226, 208, 207
Decimal	14864591
CIE Lab	84.89, 6.08, 2.72
CIE LCh	85, 6.664, 24.126
Yxy	65.7855, 0.3271, 0.3301
Android (android.graphics.Color)	4293054671 (0xFFE2D0CF)
YUV	213.2680, -3.0901, 11.1660
Hunter-Lab	81.1083, 1.5230, 6.8366

Details

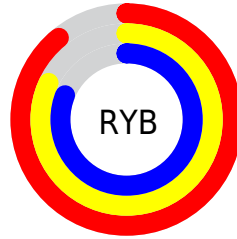
The Yxy color $65.7855, 0.3271, 0.3301$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.6377, 0.2998, 0.3279$, and the grayscale version is $66.7473, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.0690, 0.3308, 0.3305$ is the 20% darker color. If you saturate the color by 10%, you get $54.9970, 0.3480, 0.3315$, and if you desaturate by 10%, it is $78.1532, 0.3102, 0.3288$.

Distribution



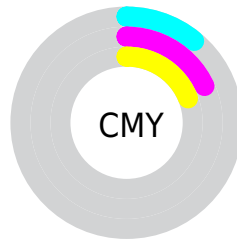
- Red (89%)
- Green (82%)
- Blue (81%)



- Red (89%)
- Yellow (82%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7855, 0.3271, 0.3301 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 65.7855, 0.3271, 0.3301 by changing the saturation by 10% instead.

 65.7855, 0.3271,
0.3301

 65.7855, 0.3271,
0.3301


445.6094, 0.3203,
0.3296

 48.0983, 0.3287,
0.3302


113.1784, 0.3247,
0.3299

 33.9047, 0.3307,
0.3303


143.6529, 0.3238,
0.3299

 22.8204, 0.3332,
0.3305


179.1586, 0.3230,
0.3298

 14.4610, 0.3366,
0.3307

220.0800, 0.3223,
0.3298

 8.4420, 0.3414,
0.3309

266.8013, 0.3217,
0.3297

 4.3790, 0.3485,
0.3312

319.7071, 0.3212,

 1.8878, 0.3602,

0.3297

0.3315

379.1816, 0.3207,
0.3297

0.5410, 0.4136,
0.3376

0.0000, 0.0000,
0.0000

65.7855, 0.3271,
0.3301

65.7855, 0.3271,
0.3301

54.9970, 0.3480,
0.3315

78.1532, 0.3102,
0.3288

45.7157, 0.3740,
0.3330

92.1508, 0.2967,
0.3276

37.8774, 0.4059,
0.3345

94.9101, 0.2952,
0.3289

31.4095, 0.4441,
0.3358

■ 26.2332, 0.4880,
0.3367

■ 22.2619, 0.5348,
0.3370

■ 19.3982, 0.5793,
0.3363

■ 17.5296, 0.6144,
0.3345

■ 16.5171, 0.6349,
0.3323

Harmonies

Analogous

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



65.7855, 0.3212, 0.3230



65.7855, 0.3271, 0.3301



65.7855, 0.3291, 0.3371

Triad

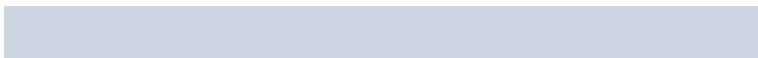
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7855, 0.3271, 0.3301



65.7855, 0.3122, 0.3410



65.7855, 0.2990, 0.3160

Complementary

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



65.7855, 0.3271, 0.3301



72.6377, 0.2998, 0.3279

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.



65.7855, 0.2966, 0.3207



65.7855, 0.3271, 0.3301



65.7855, 0.3042, 0.3352

Square

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



65.7855, 0.3271, 0.3301



65.7855, 0.3204, 0.3435



65.7855, 0.2985, 0.3277



65.7855, 0.3050, 0.3149

Rectangle

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



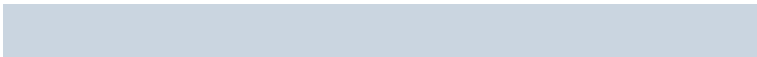
65.7855, 0.3271, 0.3301



65.7855, 0.3279, 0.3407



65.7855, 0.2985, 0.3277



65.7855, 0.2977, 0.3172

Sweetspot

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



65.7884, 0.3271, 0.3301



94.9708, 0.3176, 0.3294



66.2533, 0.3143, 0.3095



20.0470, 0.3189, 0.3295



0.0000, 0.0000, 0.0000



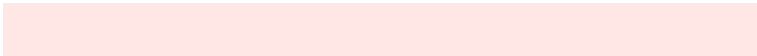
21.4041, 0.3127, 0.3290

Same Dimension

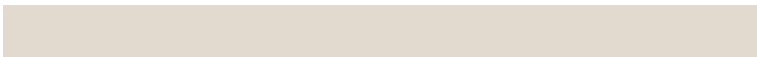
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7884, 0.3271, 0.3301



83.9813, 0.3303, 0.3303



70.5461, 0.3261, 0.3404



13.8114, 0.3291, 0.3302



9.4180, 0.6362, 0.3331



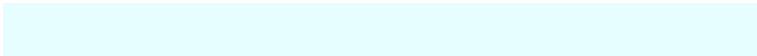
0.6927, 0.6252, 0.3418

Inverse Universe

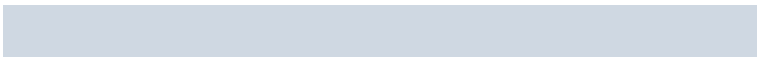
The Inverse Universe completely reimagines the original color for something new.



72.6377, 0.2998, 0.3279



94.6580, 0.2973, 0.3277



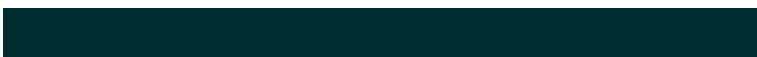
67.6561, 0.2998, 0.3173



15.4469, 0.2982, 0.3278



30.7796, 0.2203, 0.3132



2.1706, 0.2211, 0.3158

Previews

White Background



This preview shows how the Yxy color 65.7855, 0.3271, 0.3301 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 65.7855, 0.3271, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

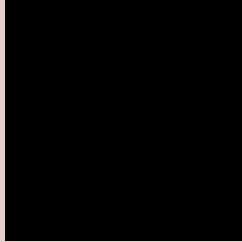
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

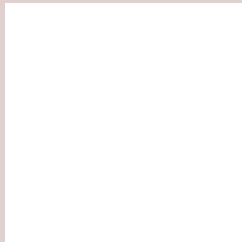
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7855, 0.3271, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 65.7855, 0.3271, 0.3301.



This preview shows how white text looks on a background with the Yxy color 65.7855, 0.3271, 0.3301.

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

65.7855, 0.3271, 0.3301

Protanopia

65.7909, 0.3178, 0.3313

Deuteranopia

65.7091, 0.3330, 0.3258



Tritanopia

65.9105, 0.3181, 0.3117

Trichromacy



Original Color

65.7855, 0.3271, 0.3301

Protanomaly

65.8629, 0.3216, 0.3313

Deuteranomaly

65.6856, 0.3305, 0.3269

Tritanomaly

65.9663, 0.3208, 0.3181

Monochromacy



Original Color

65.7855, 0.3271, 0.3301

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.1971, 0.3179, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7855, 0.3271, 0.3301 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(226, 208, 207)` looks like.

```
.text, #text, p{  
    color:rgb(226, 208, 207)  
}
```

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(226, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 208, 207) }
```

Border

The CSS property to change the border of an element to Yxy 65.7855, 0.3271, 0.3301 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(226, 208, 207) }
```

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

```
.border{ border-color:rgb(226, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(226, 208,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7855, 0.3271, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 208, 207) }
```

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

```
.background{ background-color: rgb(226,  
208, 207) }
```

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