

Converting Colors

$Yxy(67.7587, 0.3227, 0.3303)$

Have a look what the booklet for
Yxy(67.7587, 0.3227, 0.3303)
contains.

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Color

Yxy(67.6374, 0.3223, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	E0D4D3
RGB	224, 212, 211
RGB Percent	88%, 83%, 83%
CMY	0.1217, 0.1686, 0.1724
CMYK	0.00, 0.05, 0.06, 0.12
HSL	5°, 17%, 85%
HSV	5°, 6%, 88%
XYZ	66.0392, 67.6374, 71.2231
YIQ	215.4740, 7.4730, 2.2330

Conversions

Conversions Part 2

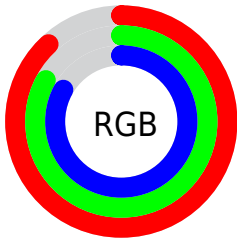
Format	Color
RYB	224, 212, 211
Decimal	14734547
CIELab	85.82, 3.95, 1.95
CIELCh	86, 4.405, 26.227
Yxy	67.6374, 0.3223, 0.3301
Android (android.graphics.Color)	4292924627 (0xFFE0D4D3)
YUV	215.4740, -2.2057, 7.4773
Hunter-Lab	82.2420, -0.5903, 6.2231

Details

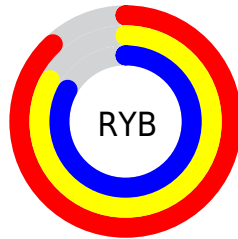
The Yxy color **67.6374, 0.3223, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0088, 0.3038, 0.3279**, and the grayscale version is **68.3055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9833, 0.3245, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **56.8962, 0.3419, 0.3321**, and if you desaturate by 10%, it is **79.8685, 0.3064, 0.3282**.

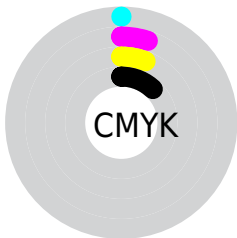
Distribution



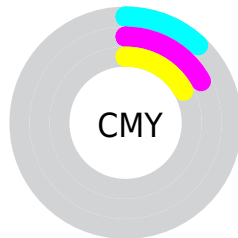
- Red (88%)
- Green (83%)
- Blue (83%)



- Red (88%)
- Yellow (83%)
- Blue (83%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6374, 0.3223, 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 67.6374, 0.3223, 0.3301 by changing the saturation by 10% instead.

67.6374, 0.3223,
0.3301

67.6374, 0.3223,
0.3301

452.2102, 0.3178,
0.3296

49.6028, 0.3233,
0.3302

115.8333, 0.3207,
0.3299

35.0979, 0.3247,
0.3303

146.7633, 0.3201,
0.3299

23.7383, 0.3263,
0.3305

182.7607, 0.3196,
0.3298

15.1396, 0.3285,
0.3307

224.2097, 0.3191,
0.3298

8.9174, 0.3316,
0.3310

271.4947, 0.3187,
0.3297

4.6874, 0.3362,
0.3314

325.0002, 0.3184,

2.0650, 0.3436,

0.3297

0.3320

385.1106, 0.3181,
0.3296

0.6448, 0.3694,
0.3358

0.0000, 0.0000,
0.0000

67.6374, 0.3223,
0.3301

67.6374, 0.3223,
0.3301

56.8962, 0.3419,
0.3321

79.8685, 0.3064,
0.3282

47.5797, 0.3662,
0.3343

93.5808, 0.2940,
0.3274

39.6306, 0.3960,
0.3365

94.5835, 0.2940,
0.3289

32.9845, 0.4319,
0.3385

■ 27.5720, 0.4736,
0.3400

■ 23.3168, 0.5192,
0.3407

■ 20.1347, 0.5645,
0.3401

■ 17.9294, 0.6030,
0.3380

■ 16.5879, 0.6284,
0.3347

Harmonies

Analogous

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



67.6374, 0.3186, 0.3254



67.6374, 0.3223, 0.3301



67.6374, 0.3234, 0.3346

Triad

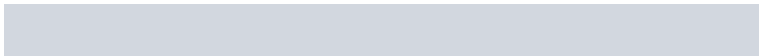
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6374, 0.3223, 0.3301



67.6374, 0.3120, 0.3366



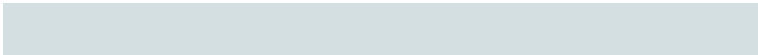
67.6374, 0.3039, 0.3204

Complementary

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



67.6374, 0.3223, 0.3301



72.0088, 0.3038, 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.



67.6374, 0.3022, 0.3233



67.6374, 0.3223, 0.3301



67.6374, 0.3068, 0.3327

Square

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



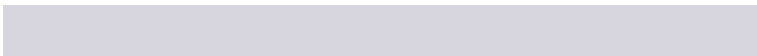
67.6374, 0.3223, 0.3301



67.6374, 0.3174, 0.3384



67.6374, 0.3032, 0.3278



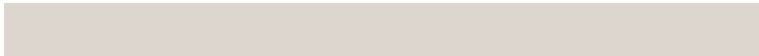
67.6374, 0.3080, 0.3198

Rectangle

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



67.6374, 0.3223, 0.3301



67.6374, 0.3225, 0.3369



67.6374, 0.3032, 0.3278



67.6374, 0.3030, 0.3211

Sweetspot

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



67.6403, 0.3223, 0.3301



96.7045, 0.3159, 0.3294



67.7820, 0.3140, 0.3159



20.7333, 0.3158, 0.3294



0.0000, 0.0000, 0.0000



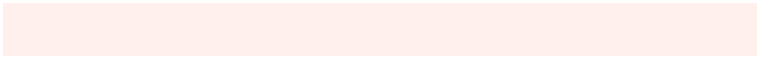
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6403, 0.3223, 0.3301



88.8228, 0.3246, 0.3304



70.8818, 0.3217, 0.3370



14.3226, 0.3255, 0.3305



9.5196, 0.6342, 0.3346



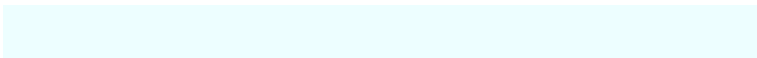
0.7188, 0.6183, 0.3472

Inverse Universe

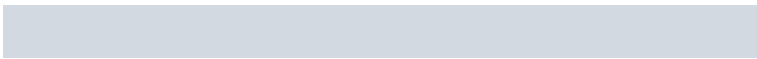
The Inverse Universe completely reimagines the original color for something new.



72.0088, 0.3038, 0.3279



95.9132, 0.3018, 0.3276



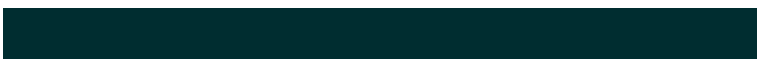
68.6753, 0.3039, 0.3208



15.5543, 0.3011, 0.3275



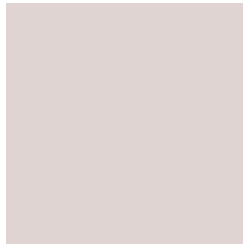
29.2066, 0.2182, 0.3053



2.0780, 0.2192, 0.3092

Previews

White Background



This preview shows how the Yxy color 67.6374, 0.3223, 0.3301 looks on a white background.

Color Contrast Check

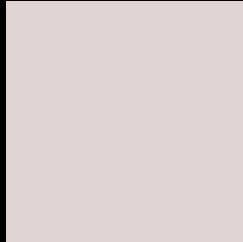
Large Text (above 18pt) WCAG AA × Fail

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 67.6374, 0.3223, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

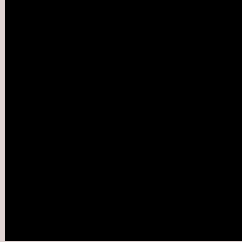
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

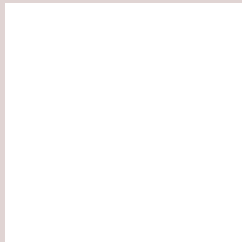
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6374, 0.3223, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 67.6374, 0.3223, 0.3301.



This preview shows how white text looks on a background with the Yxy color 67.6374, 0.3223, 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

67.6374, 0.3223, 0.3301

Protanopia

67.9067, 0.3178, 0.3312

Deuteranopia

67.6981, 0.3312, 0.3248



Tritanopia

67.7529, 0.3135, 0.3118

Trichromacy



Original Color

67.6374, 0.3223, 0.3301

Protanomaly

67.7141, 0.3193, 0.3301

Deuteranomaly

67.5102, 0.3280, 0.3258

Tritanomaly

67.8165, 0.3162, 0.3182

Monochromacy



Original Color

67.6374, 0.3223, 0.3301

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8536, 0.3156, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6374, 0.3223, 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(224, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 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(224, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 211) }
```

Border

The CSS property to change the border of an element to Yxy 67.6374, 0.3223, 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(224, 212, 211) }
```

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

```
.border{ border-color:rgb(224, 212, 211) }
```

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

Here you see how a box with a 4 pixel rgb(224, 212, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6374, 0.3223, 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(224, 212, 211) }
```

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

```
.background{ background-color: rgb(224,  
212, 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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