

Converting Colors

Yxy(68.6213, 0.3137, 0.3208)

Have a look what the booklet for
Yxy(68.6213, 0.3137, 0.3208)
contains.

Yxy(68.8432, 0.3138, 0.3214)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(68.8432, 0.3138, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	DED6DD
RGB	222, 214, 221
RGB Percent	87%, 84%, 87%
CMY	0.1295, 0.1607, 0.1334
CMYK	0.00, 0.04, 0.00, 0.13
HSL	308°, 11%, 85%
HSV	308°, 4%, 87%
XYZ	67.2153, 68.8432, 78.1394
YIQ	217.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

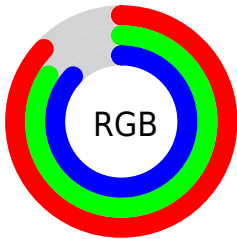
Format	Color
R _Y B	222, 214, 221
Decimal	14603997
CIE Lab	86.43, 3.97, -2.46
CIE LCh	86, 4.674, 328.191
Yxy	68.8432, 0.3138, 0.3214
Android (android.graphics.Color)	4292794077 (0xFFDED6DD)
YUV	217.1900, 1.8783, 4.2184
Hunter-Lab	82.9718, -0.5982, 2.2434

Details

The Yxy color **68.8432, 0.3138, 0.3214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4374, 0.3116, 0.3367**, and the grayscale version is **69.5101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7649, 0.3141, 0.3190** is the 20% darker color. If you saturate the color by 10%, you get **58.2175, 0.3171, 0.2996**, and if you desaturate by 10%, it is **81.0084, 0.3109, 0.3422**.

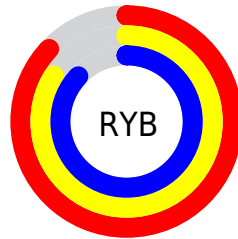
Distribution



Red (87%)

Green (84%)

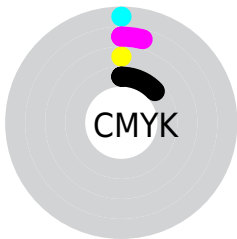
Blue (87%)



Red (87%)

Yellow (84%)

Blue (87%)

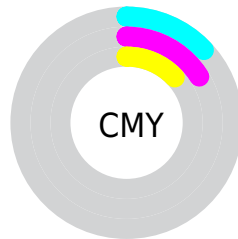


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (13%)



Cyan (13%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.8432, 0.3138, 0.3214 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 68.8432, 0.3138, 0.3214 by changing the saturation by 10% instead.

■ 68.8432, 0.3138,
0.3214

■ 68.8432, 0.3138,
0.3214

456.4778, 0.3133,
0.3249

■ 50.5840, 0.3139,
0.3206

117.5576, 0.3136,
0.3226

■ 35.8777, 0.3140,
0.3196

148.7816, 0.3136,
0.3231

■ 24.3397, 0.3142,
0.3183

185.0960, 0.3135,
0.3235

■ 15.5858, 0.3144,
0.3166

226.8852, 0.3135,
0.3239

■ 9.2316, 0.3148,
0.3143

274.5336, 0.3134,
0.3242

■ 4.8925, 0.3152,
0.3109

328.4255, 0.3134,

■ 2.1843, 0.3159,

0.3245

388.9455, 0.3133,
0.3247

0.3055

0.7114, 0.3180,
0.2926

0.0000, 0.0000,
0.0000

68.8432, 0.3138,
0.3214

68.8432, 0.3138,
0.3214

58.2175, 0.3171,
0.2996

81.0084, 0.3109,
0.3422

49.0610, 0.3208,
0.2774

92.5673, 0.3085,
0.3584

41.3108, 0.3250,
0.2553

92.7216, 0.3070,
0.3555

34.8964, 0.3294,
0.2342

92.8784, 0.3054,
0.3526

■ 29.7410, 0.3342,
0.2149

■ 93.0377, 0.3039,
0.3496

■ 25.7599, 0.3391,
0.1986

■ 93.1995, 0.3023,
0.3467

■ 22.8583, 0.3439,
0.1860

■ 93.3639, 0.3008,
0.3438

■ 20.9264, 0.3486,
0.1778

■ 93.5307, 0.2993,
0.3410

■ 19.8311, 0.3530,
0.1740

■ 93.7001, 0.2977,
0.3381

Harmonies

Analogous

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



68.8432, 0.3081, 0.3193



68.8432, 0.3138, 0.3214



68.8432, 0.3193, 0.3255

Triad

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



68.8432, 0.3138, 0.3214



68.8432, 0.3218, 0.3383



68.8432, 0.3026, 0.3274

Complementary

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



68.8432, 0.3138, 0.3214



71.4374, 0.3116, 0.3367

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.



68.8432, 0.3062, 0.3326



68.8432, 0.3138, 0.3214



68.8432, 0.3173, 0.3389

Square

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



68.8432, 0.3138, 0.3214



68.8432, 0.3239, 0.3352



68.8432, 0.3116, 0.3368



68.8432, 0.3016, 0.3227

Rectangle

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



68.8432, 0.3138, 0.3214



68.8432, 0.3220, 0.3288



68.8432, 0.3116, 0.3368



68.8432, 0.3035, 0.3292

Sweetspot

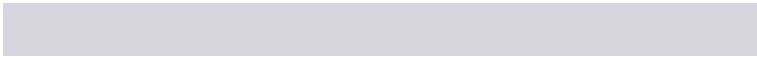
The Sweet Spot groups the original color and five complimentary colors.



68.8462, 0.3138, 0.3214



98.3632, 0.3130, 0.3269



67.8114, 0.3080, 0.3202



21.0710, 0.3130, 0.3270



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.



68.8462, 0.3138, 0.3214



93.5819, 0.3139, 0.3205



68.6399, 0.3165, 0.3257



15.0467, 0.3142, 0.3190



11.5548, 0.3551, 0.1730



0.8093, 0.3491, 0.1697

Inverse Universe

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



68.8462, 0.3138, 0.3214



93.5819, 0.3139, 0.3205



71.6412, 0.3091, 0.3324



15.0467, 0.3142, 0.3190



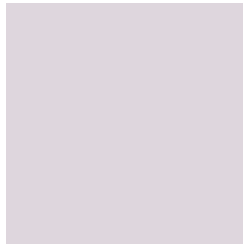
11.5548, 0.3551, 0.1730



0.8093, 0.3491, 0.1697

Previews

White Background



This preview shows how the Yxy color 68.8432, 0.3138, 0.3214 looks on a white background.

Color Contrast Check

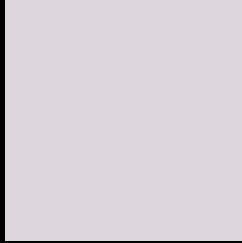
Large Text (above 18pt) WCAG AA × Fail

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 68.8432, 0.3138, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

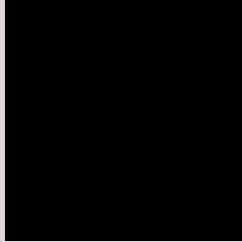
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

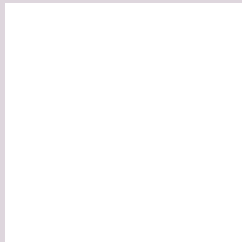
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8432, 0.3138, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 68.8432, 0.3138, 0.3214.

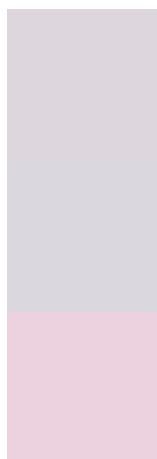


This preview shows how white text looks on a background with the Yxy color 68.8432, 0.3138, 0.3214.

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

68.8432, 0.3138, 0.3214

Protanopia

68.7802, 0.3102, 0.3213

Deuteranopia

69.0293, 0.3230, 0.3163



Tritanopia

68.9336, 0.3092, 0.3117

Trichromacy



Original Color

68.8432, 0.3138, 0.3214

Protanomaly

68.9349, 0.3109, 0.3213

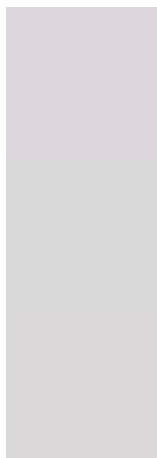
Deuteranomaly

68.6855, 0.3192, 0.3172

Tritanomaly

68.7675, 0.3112, 0.3149

Monochromacy



Original Color

68.8432, 0.3138, 0.3214

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2338, 0.3135, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8432, 0.3138, 0.3214 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(222, 214, 221)` looks like.

```
.text, #text, p{  
    color:rgb(222, 214, 221)  
}
```

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(222, 214, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 214, 221) }
```

Border

The CSS property to change the border of an element to Yxy 68.8432, 0.3138, 0.3214 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(222, 214, 221) }
```

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

```
.border{ border-color:rgb(222, 214, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 214, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 214, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 214, 221);  
box-shadow:4px 4px 4px 4px rgb(222, 214,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8432, 0.3138, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 214, 221) }
```

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

```
.background{ background-color: rgb(222,  
214, 221) }
```

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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