

Converting Colors

Yxy(69.3309, 0.3122, 0.3247)

Have a look what the booklet for
Yxy(69.3309, 0.3122, 0.3247)
contains.

Yxy(69.3391, 0.3122, 0.3246)	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(69.3391, 0.3122, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	DBD8DC
RGB	219, 216, 220
RGB Percent	86%, 85%, 86%
CMY	0.1411, 0.1529, 0.1372
CMYK	0.00, 0.02, 0.00, 0.14
HSL	285°, 5%, 85%
HSV	285°, 2%, 86%
XYZ	66.6903, 69.3391, 77.5846
YIQ	217.3530, 0.5040, 1.8800

Conversions

Conversions Part 2

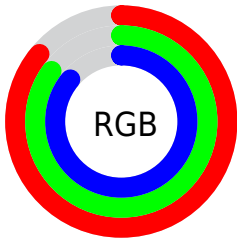
Format	Color
R _Y B	219, 216, 220
Decimal	14407900
CIE Lab	86.67, 1.75, -1.62
CIE LCh	87, 2.383, 317.309
Yxy	69.3391, 0.3122, 0.3246
Android (android.graphics.Color)	4292597980 (0xFFDBD8DC)
YUV	217.3530, 1.3050, 1.4444
Hunter-Lab	83.2701, -2.7636, 3.0473

Details

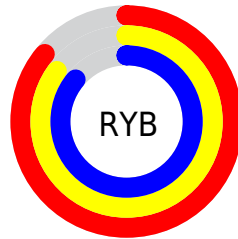
The Yxy color **69.3391, 0.3122, 0.3246** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9013, 0.3132, 0.3334**, and the grayscale version is **69.6362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0989, 0.3120, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **57.9761, 0.3090, 0.2996**, and if you desaturate by 10%, it is **82.2455, 0.3148, 0.3480**.

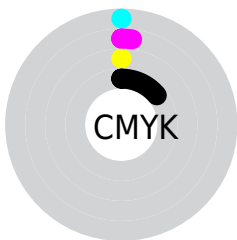
Distribution



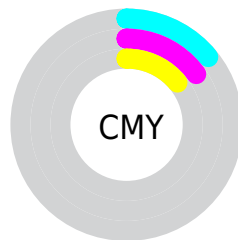
- Red (86%)
- Green (85%)
- Blue (86%)



- Red (86%)
- Yellow (85%)
- Blue (86%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3391, 0.3122, 0.3246 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 69.3391, 0.3122, 0.3246 by changing the saturation by 10% instead.

■ 69.3391, 0.3122,
0.3246

■ 69.3391, 0.3122,
0.3246

458.2260, 0.3124,
0.3267

■ 50.9879, 0.3121,
0.3241

118.2658, 0.3123,
0.3253

■ 36.1990, 0.3121,
0.3235

149.6101, 0.3123,
0.3256

■ 24.5879, 0.3120,
0.3228

186.0542, 0.3123,
0.3258

■ 15.7703, 0.3119,
0.3218

227.9825, 0.3124,
0.3260

■ 9.3618, 0.3117,
0.3204

275.7795, 0.3124,
0.3262

■ 4.9779, 0.3114,
0.3185

329.8295, 0.3124,

■ 2.2343, 0.3110,

0.3264

390.5169, 0.3124,
0.3265

0.3153

0.7386, 0.3103,
0.3077

0.0000, 0.0000,
0.0000

69.3391, 0.3122,
0.3246

69.3391, 0.3122,
0.3246

57.9761, 0.3090,
0.2996

82.2455, 0.3148,
0.3480

48.0877, 0.3052,
0.2733

93.5085, 0.3172,
0.3648

39.6130, 0.3006,
0.2464

94.4307, 0.3207,
0.3645

32.4838, 0.2954,
0.2197

95.3818, 0.3242,
0.3641

■ 26.6257, 0.2896,
0.1942

■ 96.3620, 0.3278,
0.3637

■ 21.9573, 0.2833,
0.1711

■ 97.3716, 0.3313,
0.3633

■ 18.3873, 0.2766,
0.1514

■ 97.9478, 0.3333,
0.3631

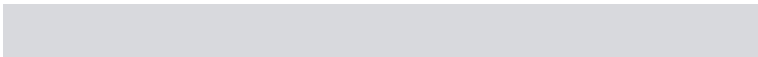
■ 15.8113, 0.2698,
0.1359

■ 14.1038, 0.2631,
0.1252

Harmonies

Analogous

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



69.3391, 0.3094, 0.3240



69.3391, 0.3122, 0.3246



69.3391, 0.3151, 0.3264

Triad

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



69.3391, 0.3122, 0.3246



69.3391, 0.3179, 0.3333



69.3391, 0.3081, 0.3292

Complementary

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



69.3391, 0.3122, 0.3246



70.9013, 0.3132, 0.3334

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.



69.3391, 0.3103, 0.3317



69.3391, 0.3122, 0.3246



69.3391, 0.3160, 0.3341

Square

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



69.3391, 0.3122, 0.3246



69.3391, 0.3184, 0.3314



69.3391, 0.3132, 0.3335



69.3391, 0.3071, 0.3266

Rectangle

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



69.3391, 0.3122, 0.3246



69.3391, 0.3168, 0.3280



69.3391, 0.3132, 0.3335



69.3391, 0.3087, 0.3301

Sweetspot

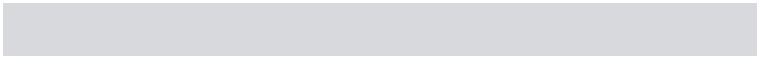
The Sweet Spot groups the original color and five complimentary colors.



69.3421, 0.3122, 0.3246



98.2633, 0.3124, 0.3266



69.3947, 0.3100, 0.3257



21.0507, 0.3124, 0.3267



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.



69.3421, 0.3122, 0.3246



96.5486, 0.3121, 0.3241



69.4447, 0.3136, 0.3257



14.9869, 0.3122, 0.3244



7.7901, 0.2588, 0.1199



0.5443, 0.2694, 0.1257

Inverse Universe

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



69.3396, 0.3149, 0.3279



96.5450, 0.3152, 0.3278



70.8006, 0.3118, 0.3323



14.9863, 0.3150, 0.3279



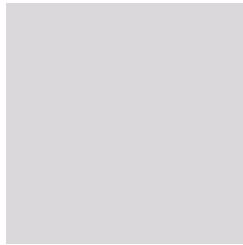
9.1062, 0.5921, 0.3035



0.6037, 0.5453, 0.2778

Previews

White Background



This preview shows how the Yxy color 69.3391, 0.3122, 0.3246 looks on a white background.

Color Contrast Check

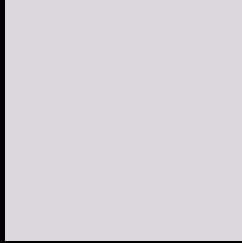
Large Text (above 18pt) WCAG AA × Fail

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 69.3391, 0.3122, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

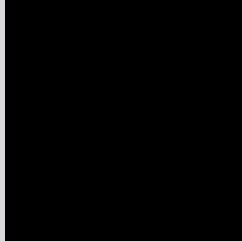
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

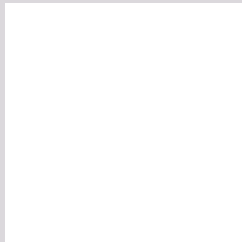
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3391, 0.3122, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 69.3391, 0.3122, 0.3246.

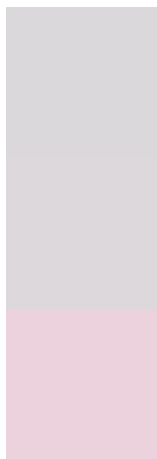


This preview shows how white text looks on a background with the Yxy color 69.3391, 0.3122, 0.3246.

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

69.3391, 0.3122, 0.3246

Protanopia

69.4947, 0.3129, 0.3246

Deuteranopia

69.1465, 0.3245, 0.3174



Tritanopia

69.2348, 0.3064, 0.3106

Trichromacy



Original Color

69.3391, 0.3122, 0.3246

Protanomaly

69.4947, 0.3129, 0.3246

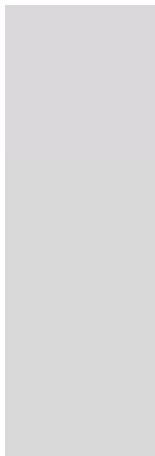
Deuteranomaly

69.1304, 0.3198, 0.3194

Tritanomaly

69.3626, 0.3083, 0.3159

Monochromacy



Original Color

69.3391, 0.3122, 0.3246

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.5931, 0.3128, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3391, 0.3122, 0.3246 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(219, 216, 220) looks like.

```
.text, #text, p{  
    color:rgb(219, 216, 220)  
}
```

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(219, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 216, 220) }
```

Border

The CSS property to change the border of an element to Yxy 69.3391, 0.3122, 0.3246 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(219, 216, 220) }
```

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

```
.border{ border-color:rgb(219, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(219, 216,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3391, 0.3122, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 216, 220) }
```

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

```
.background{ background-color: rgb(219,  
216, 220) }
```

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