

Converting Colors

Yxy(69.7040, 0.3112, 0.3193)

Have a look what the booklet for
Yxy(69.7040, 0.3112, 0.3193)
contains.

Yxy(69.5123, 0.3117, 0.3192)	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(69.5123, 0.3117, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	DED7E0
RGB	222, 215, 224
RGB Percent	87%, 84%, 88%
CMY	0.1295, 0.1568, 0.1215
CMYK	0.01, 0.04, 0.00, 0.12
HSL	286°, 13%, 86%
HSV	286°, 4%, 88%
XYZ	67.8790, 69.5123, 80.3790
YIQ	218.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

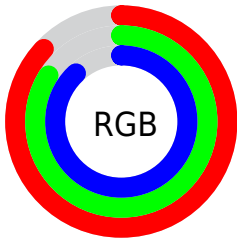
Format	Color
R _Y B	222, 215, 224
Decimal	14604256
CIE Lab	86.76, 4.01, -3.59
CIE LCh	87, 5.379, 318.163
Yxy	69.5123, 0.3117, 0.3192
Android (android.graphics.Color)	4292794336 (0xFFDED7E0)
YUV	218.1190, 2.8993, 3.4036
Hunter-Lab	83.3740, -0.5787, 1.2017

Details

The Yxy color **69.5123, 0.3117, 0.3192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.9914, 0.3137, 0.3389**, and the grayscale version is **70.1779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2217, 0.3114, 0.3162** is the 20% darker color. If you saturate the color by 10%, you get **58.0885, 0.3088, 0.2939**, and if you desaturate by 10%, it is **82.5283, 0.3141, 0.3431**.

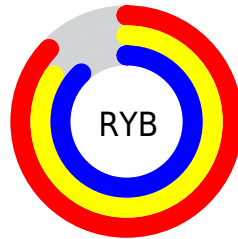
Distribution



Red (87%)

Green (84%)

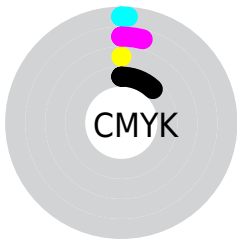
Blue (88%)



Red (87%)

Yellow (84%)

Blue (88%)

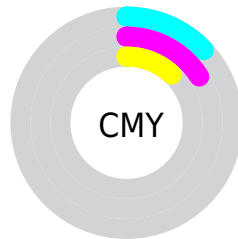


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5123, 0.3117, 0.3192 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 69.5123, 0.3117, 0.3192 by changing the saturation by 10% instead.

■ 69.5123, 0.3117,
0.3192

■ 69.5123, 0.3117,
0.3192

458.8357, 0.3122,
0.3238

■ 51.1290, 0.3116,
0.3182

118.5130, 0.3119,
0.3208

■ 36.3113, 0.3114,
0.3169

149.8992, 0.3119,
0.3214

■ 24.6747, 0.3112,
0.3152

186.3886, 0.3120,
0.3219

■ 15.8349, 0.3110,
0.3131

228.3654, 0.3120,
0.3224

■ 9.4074, 0.3106,
0.3101

276.2142, 0.3121,
0.3228

■ 5.0078, 0.3101,
0.3059

330.3192, 0.3121,

■ 2.2519, 0.3092,

0.3231

0.2991

391.0649, 0.3122,
0.3235

0.7481, 0.3080,
0.2849

0.0000, 0.0000,
0.0000

69.5123, 0.3117,
0.3192

69.5123, 0.3117,
0.3192

58.0885, 0.3088,
0.2939

82.5283, 0.3141,
0.3431

48.1846, 0.3053,
0.2675

94.0785, 0.3163,
0.3605

39.7361, 0.3011,
0.2408

94.9387, 0.3195,
0.3602

32.6703, 0.2964,
0.2146

95.8236, 0.3227,
0.3599

■ 26.9082, 0.2911,
0.1899

■ 96.7333, 0.3260,
0.3596

■ 22.3626, 0.2853,
0.1679

■ 97.6680, 0.3292,
0.3593

■ 18.9355, 0.2793,
0.1495

■ 98.1633, 0.3309,
0.3591

■ 16.5138, 0.2731,
0.1356

■ 14.9596, 0.2671,
0.1264

Harmonies

Analogous

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



69.5123, 0.3055, 0.3178



69.5123, 0.3117, 0.3192



69.5123, 0.3183, 0.3232

Triad

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



69.5123, 0.3117, 0.3192



69.5123, 0.3244, 0.3387



69.5123, 0.3022, 0.3292

Complementary

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



69.5123, 0.3117, 0.3192



72.9914, 0.3137, 0.3389

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.



69.5123, 0.3071, 0.3349



69.5123, 0.3117, 0.3192



69.5123, 0.3200, 0.3405

Square

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



69.5123, 0.3117, 0.3192



69.5123, 0.3256, 0.3344



69.5123, 0.3136, 0.3391



69.5123, 0.3000, 0.3234

Rectangle

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



69.5123, 0.3117, 0.3192



69.5123, 0.3220, 0.3268



69.5123, 0.3136, 0.3391



69.5123, 0.3036, 0.3312

Sweetspot

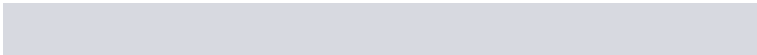
The Sweet Spot groups the original color and five complimentary colors.



69.5153, 0.3117, 0.3192



98.2746, 0.3125, 0.3266



69.5145, 0.3066, 0.3214



21.0530, 0.3125, 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.



69.5153, 0.3117, 0.3192



91.5907, 0.3114, 0.3167



69.7096, 0.3148, 0.3218



14.7317, 0.3113, 0.3151



8.3819, 0.2645, 0.1231



0.6197, 0.2736, 0.1281

Inverse Universe

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



69.4680, 0.3179, 0.3268



91.5138, 0.3193, 0.3262



72.8053, 0.3107, 0.3363



14.7180, 0.3202, 0.3259



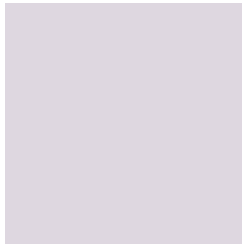
9.3759, 0.5994, 0.3076



0.6634, 0.5561, 0.2837

Previews

White Background



This preview shows how the Yxy color 69.5123, 0.3117, 0.3192 looks on a white background.

Color Contrast Check

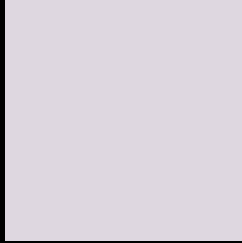
Large Text (above 18pt) WCAG AA × Fail

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 69.5123, 0.3117, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

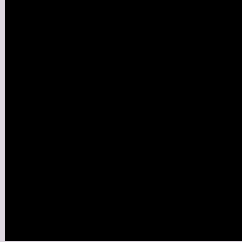
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

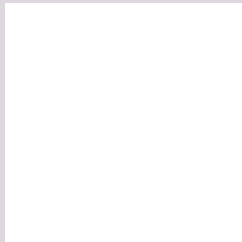
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5123, 0.3117, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 69.5123, 0.3117, 0.3192.

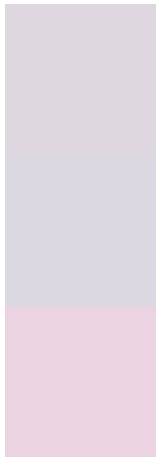


This preview shows how white text looks on a background with the Yxy color 69.5123, 0.3117, 0.3192.

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

69.5123, 0.3117, 0.3192

Protanopia

69.6080, 0.3089, 0.3192

Deuteranopia

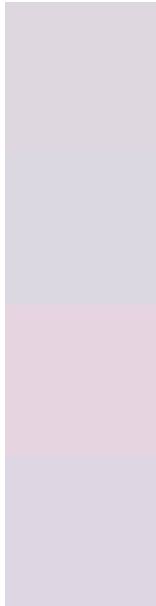
69.6869, 0.3208, 0.3142



Tritanopia

69.5506, 0.3078, 0.3107

Trichromacy



Original Color

69.5123, 0.3117, 0.3192

Protanomaly

69.7636, 0.3096, 0.3192

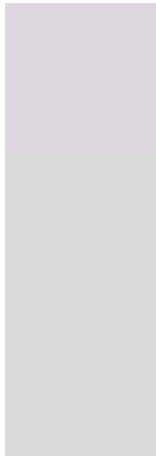
Deuteranomaly

69.3462, 0.3170, 0.3151

Tritanomaly

69.3825, 0.3098, 0.3139

Monochromacy



Original Color

69.5123, 0.3117, 0.3192

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.8531, 0.3122, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5123, 0.3117, 0.3192 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, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 215, 224)  
}
```

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, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 215, 224) }
```

Border

The CSS property to change the border of an element to Yxy 69.5123, 0.3117, 0.3192 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, 215, 224) }
```

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

```
.border{ border-color:rgb(222, 215, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 215,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5123, 0.3117, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 215, 224) }
```

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

```
.background{ background-color: rgb(222,  
215, 224) }
```

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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