

Converting Colors

Yxy(69.6320, 0.3197, 0.3204)

Have a look what the booklet for
Yxy(69.6320, 0.3197, 0.3204)
contains.

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Color

Yxy(69.6320, 0.3197, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	E6D5DD
RGB	230, 213, 221
RGB Percent	90%, 84%, 87%
CMY	0.0981, 0.1647, 0.1332
CMYK	0.00, 0.07, 0.04, 0.10
HSL	332°, 25%, 87%
HSV	332°, 7%, 90%
XYZ	69.4799, 69.6320, 78.2165
YIQ	218.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

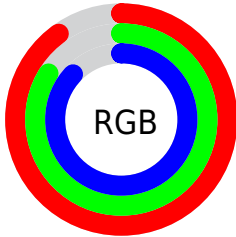
Format	Color
R _Y B	230, 213, 221
Decimal	15128029
CIE Lab	86.82, 7.24, -1.85
CIE LCh	87, 7.472, 345.663
Yxy	69.6320, 0.3197, 0.3204
Android (android.graphics.Color)	4293318109 (0xFFE6D5DD)
YUV	218.9950, 0.9885, 9.6514
Hunter-Lab	83.4458, 2.5952, 2.8376

Details

The Yxy color **69.6320, 0.3197, 0.3204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0042, 0.3062, 0.3378**, and the grayscale version is **70.8262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2056, 0.3210, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **58.2511, 0.3309, 0.3082**, and if you desaturate by 10%, it is **82.7062, 0.3105, 0.3319**.

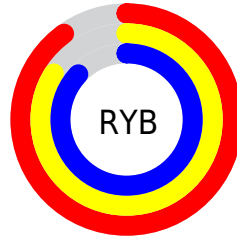
Distribution



Red (90%)

Green (84%)

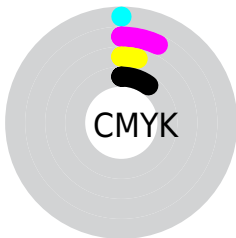
Blue (87%)



Red (90%)

Yellow (84%)

Blue (87%)

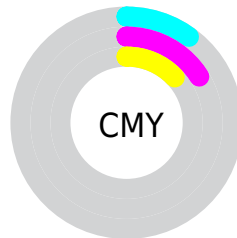


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (10%)



Cyan (10%)


Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6320, 0.3197, 0.3204 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 69.6320, 0.3197, 0.3204 by changing the saturation by 10% instead.


 69.6320, 0.3197,
0.3204

 69.6320, 0.3197,
0.3204

459.2568, 0.3165,
0.3244

 51.2266, 0.3204,
0.3195

118.6838, 0.3186,
0.3218

 36.3890, 0.3214,
0.3184


150.0990, 0.3181,
0.3223

 24.7347, 0.3225,
0.3169


186.6196, 0.3178,
0.3228

 15.8795, 0.3241,
0.3150

228.6299, 0.3174,
0.3232

 9.4390, 0.3262,
0.3124

276.5144, 0.3171,
0.3236

 5.0286, 0.3293,
0.3087

330.6574, 0.3169,

 2.2640, 0.3342,

0.3239

0.3027

391.4435, 0.3167,
0.3241

0.7546, 0.3442,
0.2902

0.0000, 0.0000,
0.0000

69.6320, 0.3197,
0.3204

69.6320, 0.3197,
0.3204

58.2511, 0.3309,
0.3082

82.7062, 0.3105,
0.3319

48.4847, 0.3444,
0.2955

94.9494, 0.3029,
0.3387

40.2613, 0.3605,
0.2827

95.5608, 0.2976,
0.3290

33.5004, 0.3794,
0.2706

■ 28.1142, 0.4012,
0.2600

■ 24.0055, 0.4256,
0.2521

■ 21.0639, 0.4517,
0.2483

■ 19.1601, 0.4783,
0.2496

■ 18.1229, 0.5037,
0.2563

Harmonies

Analogous

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



69.6320, 0.3105, 0.3151



69.6320, 0.3197, 0.3204



69.6320, 0.3271, 0.3279

Triad

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



69.6320, 0.3197, 0.3204



69.6320, 0.3234, 0.3449



69.6320, 0.2952, 0.3218

Complementary

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



69.6320, 0.3197, 0.3204



76.0042, 0.3062, 0.3378

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.



69.6320, 0.2985, 0.3299



69.6320, 0.3197, 0.3204



69.6320, 0.3147, 0.3434

Square

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



69.6320, 0.3197, 0.3204



69.6320, 0.3292, 0.3421



69.6320, 0.3057, 0.3379



69.6320, 0.2964, 0.3158

Rectangle

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



69.6320, 0.3197, 0.3204



69.6320, 0.3300, 0.3333



69.6320, 0.3057, 0.3379



69.6320, 0.2958, 0.3244

Sweetspot

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



69.6350, 0.3197, 0.3204



96.6173, 0.3145, 0.3267



68.7985, 0.3076, 0.3106



20.7155, 0.3144, 0.3268



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.



69.6350, 0.3197, 0.3204



85.4675, 0.3214, 0.3184



69.3590, 0.3253, 0.3293



14.4811, 0.3218, 0.3179



10.1726, 0.5066, 0.2564



0.7704, 0.4724, 0.2376

Inverse Universe

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



69.6350, 0.3197, 0.3204



85.4675, 0.3214, 0.3184



76.2882, 0.3013, 0.3287



14.4811, 0.3218, 0.3179



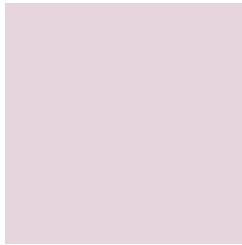
10.1726, 0.5066, 0.2564



0.7704, 0.4724, 0.2376

Previews

White Background



This preview shows how the Yxy color 69.6320, 0.3197, 0.3204 looks on a white background.

Color Contrast Check

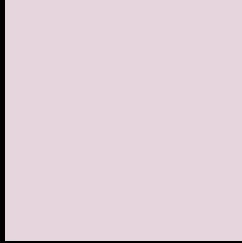
Large Text (above 18pt) WCAG AA × Fail

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 69.6320, 0.3197, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

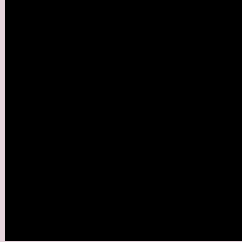
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

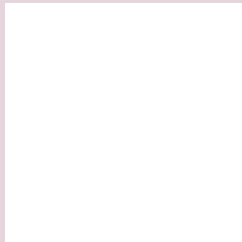
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6320, 0.3197, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 69.6320, 0.3197, 0.3204.

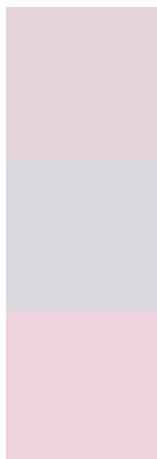


This preview shows how white text looks on a background with the Yxy color 69.6320, 0.3197, 0.3204.

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

69.6320, 0.3197, 0.3204

Protanopia

69.6551, 0.3109, 0.3214

Deuteranopia

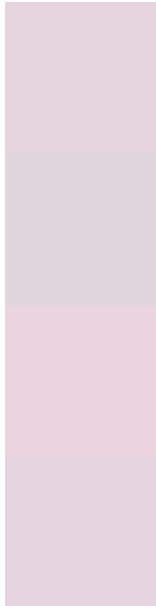
69.6953, 0.3237, 0.3174



Tritanopia

69.6773, 0.3157, 0.3120

Trichromacy



Original Color

69.6320, 0.3197, 0.3204

Protanomaly

69.7221, 0.3145, 0.3214

Deuteranomaly

69.8533, 0.3221, 0.3184

Tritanomaly

69.5121, 0.3178, 0.3152

Monochromacy



Original Color

69.6320, 0.3197, 0.3204

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.4810, 0.3150, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6320, 0.3197, 0.3204 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(230, 213, 221)` looks like.

```
.text, #text, p{  
    color:rgb(230, 213, 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(230, 213, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 213, 221) }
```

Border

The CSS property to change the border of an element to Yxy 69.6320, 0.3197, 0.3204 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(230, 213, 221) }
```

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

```
.border{ border-color:rgb(230, 213, 221) }
```

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

Here you see how a box with a 4 pixel rgb(230, 213, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 213, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 213, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 213,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6320, 0.3197, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 213, 221) }
```

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

```
.background{ background-color: rgb(230,  
213, 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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