

Converting Colors

$Y_{xy}(70.9801, 0.3199, 0.3288)$

Have a look what the booklet for
Yxy(70.9801, 0.3199, 0.3288)
contains.

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Color

Yxy(70.9664, 0.3200, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	E3D9D9
RGB	227, 217, 217
RGB Percent	89%, 85%, 85%
CMY	0.1097, 0.1490, 0.1490
CMYK	0.00, 0.04, 0.04, 0.11
HSL	360°, 15%, 87%
HSV	360°, 4%, 89%
XYZ	69.0251, 70.9664, 75.7119
YIQ	219.9900, 5.9600, 2.1200

Conversions

Conversions Part 2

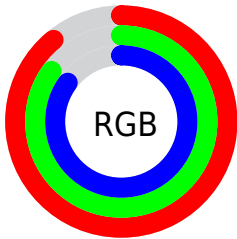
Format	Color
R _Y B	227, 217, 217
Decimal	14932441
CIE Lab	87.47, 3.44, 1.21
CIE LCh	87, 3.647, 19.333
Yxy	70.9664, 0.3200, 0.3290
Android (android.graphics.Color)	4293122521 (0xFFE3D9D9)
YUV	219.9900, -1.4741, 6.1478
Hunter-Lab	84.2416, -1.1650, 5.6824

Details

The Yxy color $70.9664, 0.3200, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75.2560, 0.3058, 0.3290$, and the grayscale version is $71.5754, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.2200, 0.3223, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $58.9602, 0.3394, 0.3290$, and if you desaturate by 10%, it is $84.7508, 0.3045, 0.3290$.

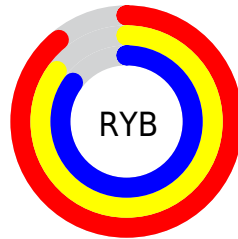
Distribution



Red (89%)

Green (85%)

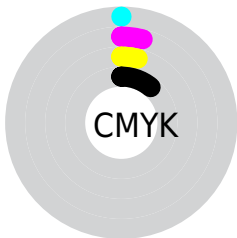
Blue (85%)



Red (89%)

Yellow (85%)

Blue (85%)

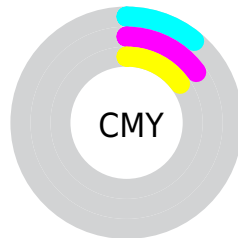


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9664, 0.3200, 0.3290 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 70.9664, 0.3200, 0.3290 by changing the saturation by 10% instead.


 70.9664, 0.3200,
0.3290

 70.9664, 0.3200,
0.3290


463.9360, 0.3166,
0.3290

 52.3148, 0.3208,
0.3290

120.5859, 0.3188,
0.3290

 37.2560, 0.3217,
0.3290


152.3225, 0.3184,
0.3290

 25.4058, 0.3230,
0.3290


189.1896, 0.3180,
0.3290

 16.3796, 0.3246,
0.3289

231.5716, 0.3176,
0.3290

 9.7932, 0.3268,
0.3289

279.8528, 0.3173,
0.3290

 5.2621, 0.3301,
0.3289

334.4177, 0.3171,

 2.4018, 0.3353,

0.3290

0.3287

395.6506, 0.3168,
0.3290

0.8268, 0.3463,
0.3290

0.0000, 0.0000,
0.0000

70.9664, 0.3200,
0.3290

70.9664, 0.3200,
0.3290

58.9602, 0.3394,
0.3290

84.7508, 0.3045,
0.3290

48.6510, 0.3637,
0.3290

95.0769, 0.2958,
0.3290

39.9651, 0.3940,
0.3291

32.8198, 0.4309,
0.3291

■ 27.1253, 0.4742,
0.3292

■ 22.7823, 0.5219,
0.3294

■ 19.6790, 0.5690,
0.3295

■ 17.6860, 0.6080,
0.3297

■ 16.6452, 0.6322,
0.3299

Harmonies

Analogous

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



70.9664, 0.3166, 0.3252



70.9664, 0.3200, 0.3290



70.9664, 0.3214, 0.3328

Triad

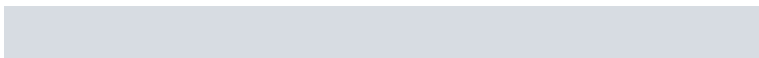
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.9664, 0.3200, 0.3290



70.9664, 0.3132, 0.3357



70.9664, 0.3050, 0.3224

Complementary

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



70.9664, 0.3200, 0.3290



75.2560, 0.3058, 0.3290

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.



70.9664, 0.3041, 0.3251



70.9664, 0.3200, 0.3290



70.9664, 0.3088, 0.3329

Square

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



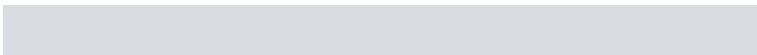
70.9664, 0.3200, 0.3290



70.9664, 0.3175, 0.3367



70.9664, 0.3055, 0.3290



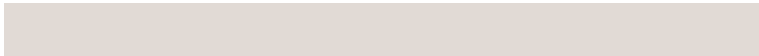
70.9664, 0.3080, 0.3214

Rectangle

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



70.9664, 0.3200, 0.3290



70.9664, 0.3210, 0.3349



70.9664, 0.3055, 0.3290



70.9664, 0.3045, 0.3231

Sweetspot

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



70.9695, 0.3200, 0.3290



98.2209, 0.3143, 0.3290



71.4800, 0.3131, 0.3183



21.0421, 0.3142, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

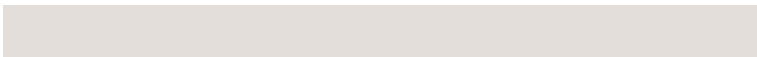
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.9695, 0.3200, 0.3290



91.3404, 0.3211, 0.3290



73.5079, 0.3196, 0.3342



15.4047, 0.3222, 0.3290



9.5249, 0.6399, 0.3299



0.7040, 0.6393, 0.3296

Inverse Universe

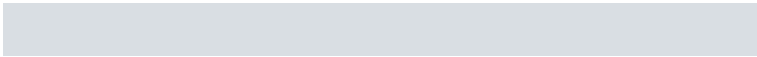
The Inverse Universe completely reimagines the original color for something new.



70.9695, 0.3200, 0.3290



91.3404, 0.3211, 0.3290



72.6383, 0.3060, 0.3237



15.4047, 0.3222, 0.3290



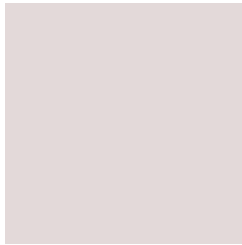
9.5249, 0.6399, 0.3299



0.7040, 0.6393, 0.3296

Previews

White Background



This preview shows how the Yxy color 70.9664, 0.3200, 0.3290 looks on a white background.

Color Contrast Check

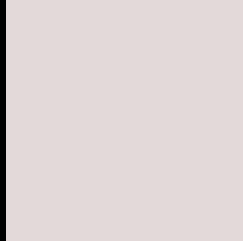
Large Text (above 18pt) WCAG AA × Fail

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 70.9664, 0.3200, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

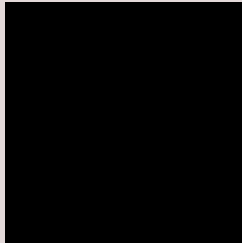
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

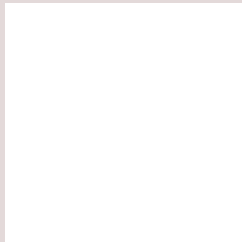
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9664, 0.3200, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 70.9664, 0.3200, 0.3290.

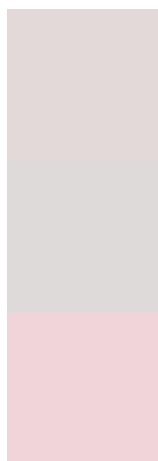


This preview shows how white text looks on a background with the Yxy color 70.9664, 0.3200, 0.3290.

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

70.9664, 0.3200, 0.3290

Protanopia

70.8927, 0.3163, 0.3290

Deuteranopia

70.8497, 0.3302, 0.3228



Tritanopia

71.0851, 0.3114, 0.3110

Trichromacy



Original Color

70.9664, 0.3200, 0.3290

Protanomaly

71.0521, 0.3170, 0.3290

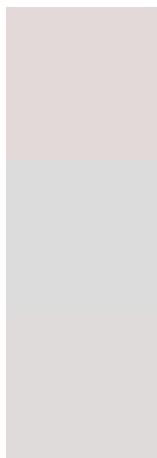
Deuteranomaly

70.9880, 0.3262, 0.3248

Tritanomaly

71.1518, 0.3140, 0.3173

Monochromacy



Original Color

70.9664, 0.3200, 0.3290

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4655, 0.3156, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9664, 0.3200, 0.3290 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(227, 217, 217)` looks like.

```
.text, #text, p{  
    color:rgb(227, 217, 217)  
}
```

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(227, 217, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 217, 217) }
```

Border

The CSS property to change the border of an element to Yxy 70.9664, 0.3200, 0.3290 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(227, 217, 217) }
```

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

```
.border{ border-color:rgb(227, 217, 217) }
```

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

Here you see how a box with a 4 pixel rgb(227, 217, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 217, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 217, 217);  
box-shadow:4px 4px 4px 4px rgb(227, 217,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9664, 0.3200, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 217, 217) }
```

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

```
.background{ background-color: rgb(227,  
217, 217) }
```

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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