

Converting Colors

Yxy(81.4919, 0.2994, 0.3290)

Have a look what the booklet for
Yxy(81.4919, 0.2994, 0.3290)
contains.

Yxy(81.4345, 0.2997, 0.3290)	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(81.4345, 0.2997, 0.3290)

Conversions

Conversions Part 1	
Format	Color
Hex	D9EDED
RGB	217, 237, 237
RGB Percent	85%, 93%, 93%
CMY	0.1490, 0.0706, 0.0707
CMYK	0.08, 0.00, 0.00, 0.07
HSL	180°, 36%, 89%
HSV	180°, 8%, 93%
XYZ	74.1821, 81.4345, 91.9046
YIQ	231.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

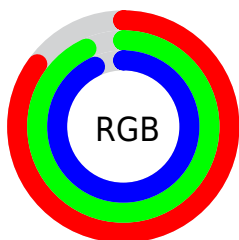
Format	Color
RYB	217, 227, 237
Decimal	14282221
CIELab	92.32, -6.56, -2.25
CIELCh	92, 6.938, 198.882
Yxy	81.4345, 0.2997, 0.3290
Android (android.graphics.Color)	4292472301 (0xFFD9EDED)
YUV	231.0200, 2.9481, -12.2955
Hunter-Lab	90.2411, -11.1870, 2.7857

Details

The Yxy color 81.4345, 0.2997, 0.3290 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 72.6455, 0.3273, 0.3290, and the grayscale version is 79.9122, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 44.0653, 0.2968, 0.3290 is the 20% darker color. If you saturate the color by 10%, you get 78.0603, 0.2851, 0.3290, and if you desaturate by 10%, it is 85.3371, 0.3152, 0.3290.

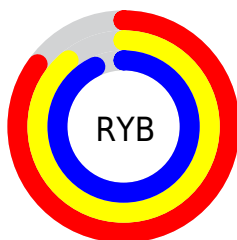
Distribution



Red (85%)

Green (93%)

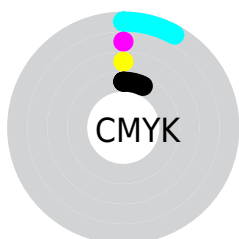
Blue (93%)



Red (85%)

Yellow (89%)

Blue (93%)

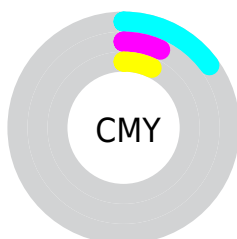


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4345, 0.2997, 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 81.4345, 0.2997, 0.3290 by changing the saturation by 10% instead.

 81.4345, 0.2997,
0.3290

 81.4345, 0.2997,
0.3290


499.7541, 0.3056,
0.3290

 60.8995, 0.2984,
0.3290


135.3807, 0.3017,
0.3290

 44.1441, 0.2968,
0.3290


169.5607, 0.3025,
0.3290

 30.7838, 0.2948,
0.3289


209.0578, 0.3032,
0.3290

 20.4343, 0.2922,
0.3289

254.2565, 0.3038,
0.3290

 12.7111, 0.2887,
0.3288

305.5410, 0.3043,
0.3290

 7.2299, 0.2838,
0.3287


363.2959, 0.3048,


 3.6063, 0.2764,


0.3290

0.3284


427.9055, 0.3052,
0.3290


 1.4559, 0.2639,
0.3277


 0.2574, 0.1083,
0.3304


 81.4345, 0.2997,
0.3290

 81.4345, 0.2997,
0.3290


 78.0603, 0.2851,
0.3290

 85.3371, 0.3152,
0.3290


 75.1821, 0.2715,
0.3290


 87.9510, 0.3248,
0.3290


 72.7796, 0.2594,
0.3291


 87.9537, 0.3247,
0.3289


 70.8272, 0.2490,
0.3291


 87.9564, 0.3247,
0.3289

 69.2968, 0.2404,
0.3291


 87.9590, 0.3247,
0.3289

 68.1574, 0.2338,
0.3292


 87.9617, 0.3246,
0.3288


 67.3733, 0.2291,
0.3292

 87.9644, 0.3246,
0.3288

 66.9027, 0.2263,
0.3293

 87.9671, 0.3246,
0.3287

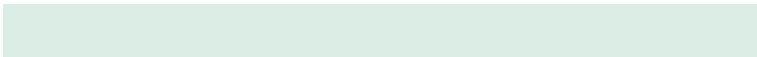
 66.6854, 0.2250,
0.3293

 87.9698, 0.3246,
0.3287

Harmonies

Analogous

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



81.4345, 0.3057, 0.3361



81.4345, 0.2997, 0.3290



81.4345, 0.2972, 0.3220

Triad

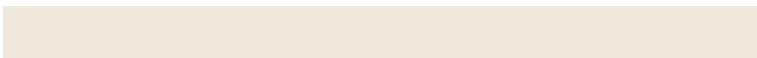
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4345, 0.2997, 0.3290



81.4345, 0.3117, 0.3171



81.4345, 0.3269, 0.3410

Complementary

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



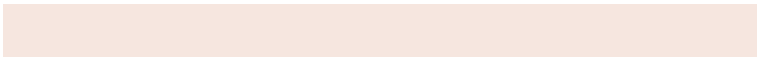
81.4345, 0.2997, 0.3290



72.6455, 0.3273, 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.



81.4345, 0.3286, 0.3357



81.4345, 0.2997, 0.3290



81.4345, 0.3197, 0.3221

Square

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



81.4345, 0.2997, 0.3290



81.4345, 0.3040, 0.3153



81.4345, 0.3259, 0.3288



81.4345, 0.3214, 0.3431

Rectangle

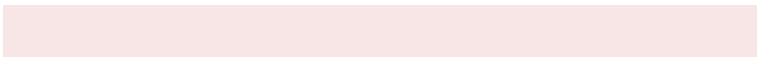
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



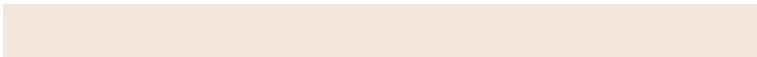
81.4345, 0.2997, 0.3290



81.4345, 0.2977, 0.3183



81.4345, 0.3259, 0.3288



81.4345, 0.3279, 0.3395

Sweetspot

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



81.4379, 0.2997, 0.3290



98.5769, 0.3080, 0.3290



80.3864, 0.3119, 0.3506



21.0202, 0.3068, 0.3290



0.0000, 0.0000, 0.0000



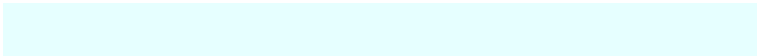
21.4041, 0.3127, 0.3290

Same Dimension

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



81.4379, 0.2997, 0.3290



95.4772, 0.2973, 0.3290



75.9911, 0.2997, 0.3186



17.1214, 0.2982, 0.3290



36.3920, 0.2248, 0.3293



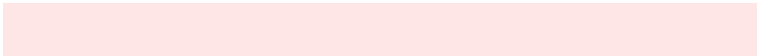
2.8578, 0.2248, 0.3292

Inverse Universe

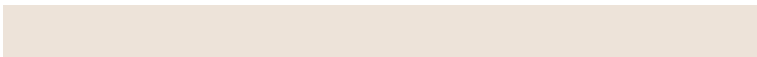
The Inverse Universe completely reimagines the original color for something new.



72.6455, 0.3273, 0.3290



83.2636, 0.3304, 0.3290



77.7750, 0.3263, 0.3391



15.0545, 0.3293, 0.3290



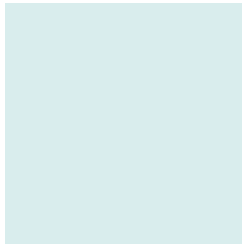
9.8306, 0.6399, 0.3299



0.7721, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 81.4345, 0.2997, 0.3290 looks on a white background.

Color Contrast Check

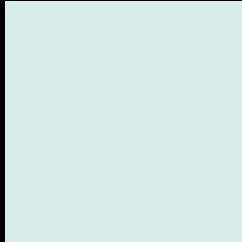
Large Text (above 18pt) WCAG AA × Fail

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 81.4345, 0.2997, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

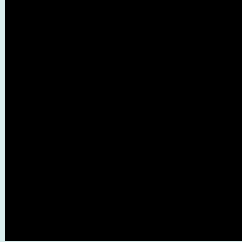
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

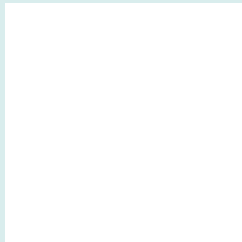
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4345, 0.2997, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 81.4345, 0.2997, 0.3290.

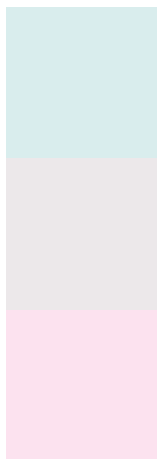


This preview shows how white text looks on a background with the Yxy color 81.4345, 0.2997, 0.3290.

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

81.4345, 0.2997, 0.3290

Protanopia

81.4866, 0.3142, 0.3270

Deuteranopia

81.3202, 0.3224, 0.3161



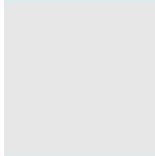
Tritanopia

81.7242, 0.2922, 0.3104

Trichromacy

	Original Color 81.4345, 0.2997, 0.3290
	Protanomaly 81.5018, 0.3088, 0.3280
	Deuteranomaly 81.1174, 0.3138, 0.3209
	Tritanomaly 81.7664, 0.2951, 0.3175

Monochromacy

	Original Color 81.4345, 0.2997, 0.3290
	Achromatopsia 79.9103, 0.3127, 0.3290
	Achromatomaly 80.3298, 0.3080, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4345, 0.2997, 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(217, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 237, 237)  
}
```


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(217, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 237, 237) }
```

Border

The CSS property to change the border of an element to Yxy 81.4345, 0.2997, 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(217, 237, 237) }
```


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

```
.border{ border-color:rgb(217, 237, 237) }
```

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

Here you see how a box with a 4 pixel rgb(217, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 237,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4345, 0.2997, 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(217, 237, 237) }
```

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

```
.background{ background-color: rgb(217,  
237, 237) }
```

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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