

Converting Colors

$Y_{xy}(81.5475, 0.3312, 0.3267)$

Have a look what the booklet for
Yxy(81.5475, 0.3312, 0.3267)
contains.

Yxy(81.3099, 0.3312, 0.3261)	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(81.3099, 0.3312, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2E5
RGB	255, 226, 229
RGB Percent	100%, 89%, 90%
CMY	0.0000, 0.1137, 0.1021
CMYK	0.00, 0.11, 0.10, 0.00
HSL	354°, 100%, 94%
HSV	354°, 11%, 100%
XYZ	82.5815, 81.3099, 85.4490
YIQ	235.0130, 16.3210, 7.0810

Conversions

Conversions Part 2

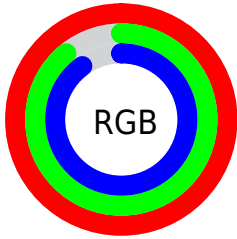
Format	Color
R _Y B	255, 226, 229
Decimal	16769765
CIE Lab	92.27, 10.43, 2.19
CIE LCh	92, 10.659, 11.873
Yxy	81.3099, 0.3312, 0.3261
Android (android.graphics.Color)	4294959845 (0xFFFFE2E5)
YUV	235.0130, -2.9644, 17.5286
Hunter-Lab	90.1720, 5.6733, 6.9359

Details

The Yxy color **81.3099, 0.3312, 0.3261** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.7193, 0.2968, 0.3319**, and the grayscale version is **83.0995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1876, 0.3349, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **67.2618, 0.3517, 0.3234**, and if you desaturate by 10%, it is **97.5879, 0.3147, 0.3287**.

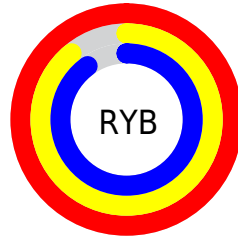
Distribution



Red (100%)

Green (89%)

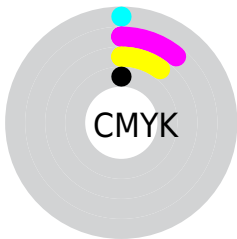
Blue (90%)



Red (100%)

Yellow (89%)

Blue (90%)

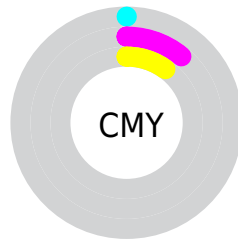


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.3099, 0.3312, 0.3261 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 81.3099, 0.3312, 0.3261 by changing the saturation by 10% instead.

 81.3099, 0.3312,
0.3261

 81.3099, 0.3312,
0.3261


499.3364, 0.3228,
0.3275

 60.7969, 0.3331,
0.3258

135.2058, 0.3283,
0.3266

 44.0612, 0.3354,
0.3254


169.3575, 0.3272,
0.3268

 30.7187, 0.3383,
0.3249


208.8242, 0.3262,
0.3269

 20.3847, 0.3421,
0.3242

253.9902, 0.3253,
0.3271

 12.6750, 0.3472,
0.3233

305.2401, 0.3246,
0.3272

 7.2051, 0.3544,
0.3220

362.9582, 0.3239,

 3.5907, 0.3654,

0.3273

0.3199

427.5288, 0.3233,
0.3274

■ 1.4474, 0.3843,
0.3160

■ 0.2512, 0.5705,
0.2905

■ 81.3099, 0.3312,
0.3261

■ 81.3099, 0.3312,
0.3261

■ 67.2618, 0.3517,
0.3234

■ 97.5879, 0.3147,
0.3287

■ 55.3478, 0.3773,
0.3206

100.0000, 0.3127,
0.3290

■ 45.4629, 0.4087,
0.3179

■ 37.4940, 0.4462,
0.3157

■ 31.3166, 0.4892,
0.3144

■ 26.7918, 0.5348,
0.3147

■ 23.7600, 0.5779,
0.3168

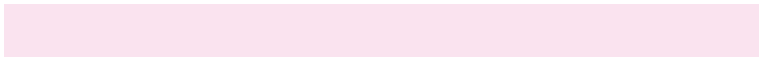
■ 22.0301, 0.6120,
0.3209

■ 21.3351, 0.6307,
0.3248

Harmonies

Analogous

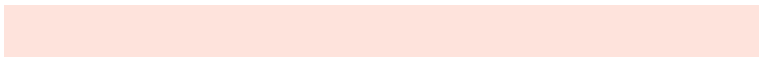
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3099, 0.3206, 0.3163



81.3099, 0.3312, 0.3261



81.3099, 0.3368, 0.3368

Triad

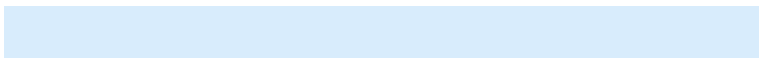
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3099, 0.3312, 0.3261



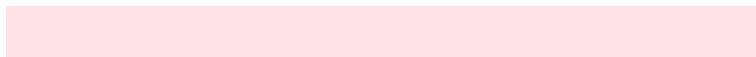
81.3099, 0.3170, 0.3492



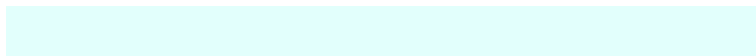
81.3099, 0.2902, 0.3119

Complementary

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



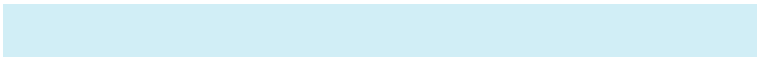
81.3099, 0.3312, 0.3261



94.7193, 0.2968, 0.3319

Split Complementary

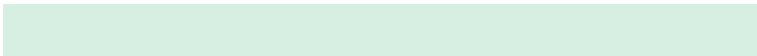
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3099, 0.2893, 0.3204



81.3099, 0.3312, 0.3261



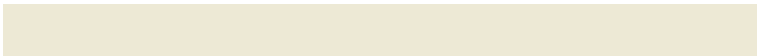
81.3099, 0.3046, 0.3423

Square

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



81.3099, 0.3312, 0.3261



81.3099, 0.3284, 0.3505



81.3099, 0.2945, 0.3316



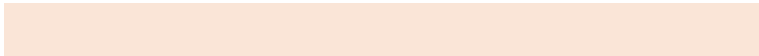
81.3099, 0.2970, 0.3081

Rectangle

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



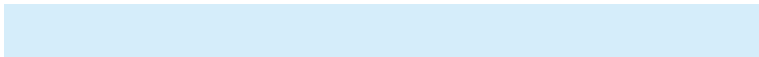
81.3099, 0.3312, 0.3261



81.3099, 0.3368, 0.3432



81.3099, 0.2945, 0.3316



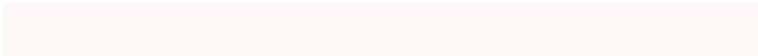
81.3099, 0.2892, 0.3143

Sweetspot

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



81.3094, 0.3312, 0.3261



94.7814, 0.3171, 0.3283



82.2378, 0.3117, 0.3007



19.9961, 0.3184, 0.3281



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

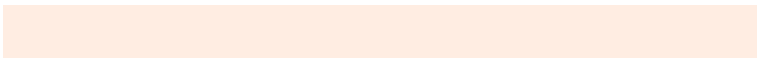
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3094, 0.3312, 0.3261



77.4051, 0.3362, 0.3254



87.3878, 0.3319, 0.3400



18.0173, 0.3278, 0.3266



11.1579, 0.6285, 0.3236



1.0959, 0.6068, 0.3117

Inverse Universe

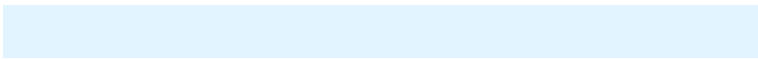
The Inverse Universe completely reimagines the original color for something new.



81.3094, 0.3312, 0.3261



77.4051, 0.3362, 0.3254



88.0207, 0.2950, 0.3177



18.0173, 0.3278, 0.3266



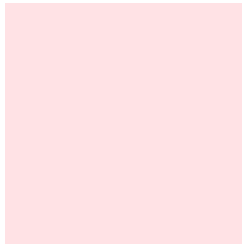
11.1579, 0.6285, 0.3236



1.0959, 0.6068, 0.3117

Previews

White Background



This preview shows how the Yxy color 81.3099, 0.3312, 0.3261 looks on a white background.

Color Contrast Check

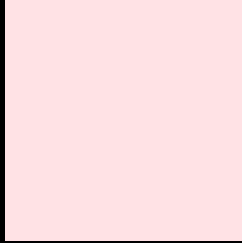
Large Text (above 18pt) WCAG AA × Fail

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 81.3099, 0.3312, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

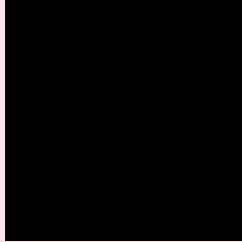
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

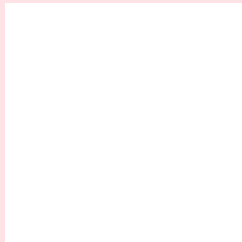
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.3099, 0.3312, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 81.3099, 0.3312, 0.3261.

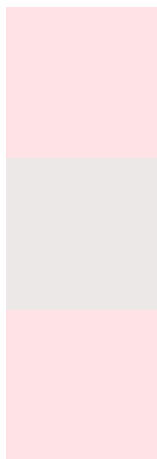


This preview shows how white text looks on a background with the Yxy color 81.3099, 0.3312, 0.3261.

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

81.3099, 0.3312, 0.3261

Protanopia

81.5439, 0.3161, 0.3290

Deuteranopia

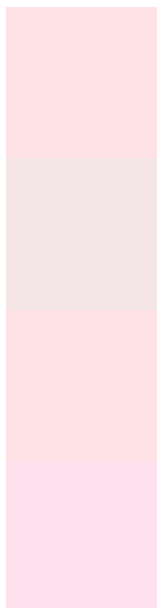
81.3099, 0.3312, 0.3261



Tritanopia

81.4613, 0.3232, 0.3133

Trichromacy



Original Color

81.3099, 0.3312, 0.3261

Protanomaly

81.5962, 0.3217, 0.3280

Deuteranomaly

81.3099, 0.3312, 0.3261

Tritanomaly

81.2249, 0.3259, 0.3172

Monochromacy



Original Color

81.3099, 0.3312, 0.3261

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.4737, 0.3189, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3099, 0.3312, 0.3261 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(255, 226, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 229)  
}
```

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(255, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 229) }
```

Border

The CSS property to change the border of an element to Yxy 81.3099, 0.3312, 0.3261 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(255, 226, 229) }
```

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

```
.border{ border-color:rgb(255, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 229); box-shadow:4px 4px 4px 4px rgb(255, 226, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3099, 0.3312, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 229) }
```

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

```
.background{ background-color: rgb(255,  
226, 229) }
```

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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