

Converting Colors

Yxy(81.4990, 0.3204, 0.3132)

Have a look what the booklet for
Yxy(81.4990, 0.3204, 0.3132)
contains.

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Color

Yxy(81.4990, 0.3204, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	FCE2F2
RGB	252, 226, 242
RGB Percent	99%, 89%, 95%
CMY	0.0117, 0.1137, 0.0510
CMYK	0.00, 0.10, 0.04, 0.01
HSL	323°, 81%, 94%
HSV	323°, 10%, 99%
XYZ	83.3725, 81.4990, 95.3424
YIQ	235.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

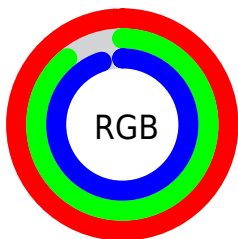
Format	Color
R _{YB}	252, 226, 242
Decimal	16573170
CIE _{Lab}	92.35, 11.59, -4.52
CIE _{LCh}	92, 12.440, 338.675
Y _{xy}	81.4990, 0.3204, 0.3132
Android (android.graphics.Color)	4294763250 (0xFFFC _{E2F2})
Y _{UV}	235.5980, 3.1562, 14.3846
Hunter-Lab	90.2768, 6.8641, 0.5769

Details

The Yxy color **81.4990, 0.3204, 0.3132** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8570, 0.3057, 0.3453**, and the grayscale version is **83.5306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2731, 0.3217, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **68.2216, 0.3293, 0.2972**, and if you desaturate by 10%, it is **96.8288, 0.3129, 0.3285**.

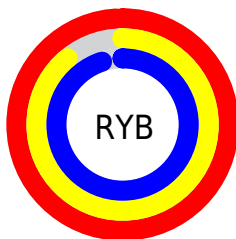
Distribution



Red (99%)

Green (89%)

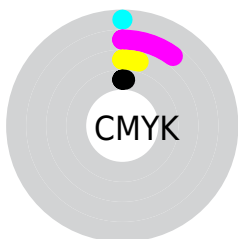
Blue (95%)



Red (99%)

Yellow (89%)

Blue (95%)

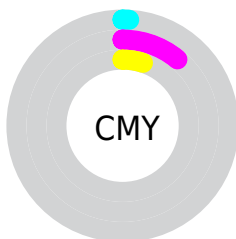


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (1%)



Cyan (1%)


Magenta (11%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.4990, 0.3204, 0.3132 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 81.4990, 0.3204, 0.3132 by changing the saturation by 10% instead.


 81.4990, 0.3204,
0.3132

 81.4990, 0.3204,
0.3132


499.9703, 0.3170,
0.3203

 60.9527, 0.3212,
0.3116


135.4712, 0.3192,
0.3156

 44.1870, 0.3221,
0.3097


169.6659, 0.3188,
0.3166

 30.8175, 0.3232,
0.3073


209.1787, 0.3184,
0.3174

 20.4599, 0.3247,
0.3043

254.3942, 0.3180,
0.3181

 12.7298, 0.3267,
0.3003

305.6967, 0.3177,
0.3187

 7.2428, 0.3294,
0.2946

363.4707, 0.3174,

 3.6144, 0.3335,

0.3193

0.2863

428.1004, 0.3172,
0.3198

■ 1.4603, 0.3401,
0.2727

■ 0.2605, 0.3814,
0.1873

■ 81.4990, 0.3204,
0.3132

■ 81.4990, 0.3204,
0.3132

■ 68.2216, 0.3293,
0.2972

■ 96.8288, 0.3129,
0.3285

■ 56.8978, 0.3398,
0.2808

■ 99.4385, 0.3109,
0.3290

■ 47.4369, 0.3521,
0.2646

■ 39.7364, 0.3661,
0.2495

■ 33.6842, 0.3818,
0.2365

■ 29.1548, 0.3988,
0.2267

■ 26.0048, 0.4165,
0.2214

■ 24.0628, 0.4342,
0.2213

■ 23.0657, 0.4509,
0.2257

Harmonies

Analogous

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



81.4990, 0.3058, 0.3062



81.4990, 0.3204, 0.3132



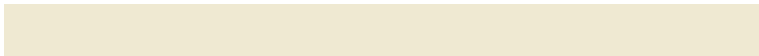
81.4990, 0.3332, 0.3243

Triad

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



81.4990, 0.3204, 0.3132



81.4990, 0.3322, 0.3538



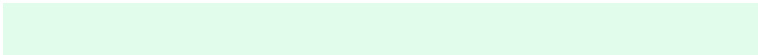
81.4990, 0.2858, 0.3202

Complementary

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



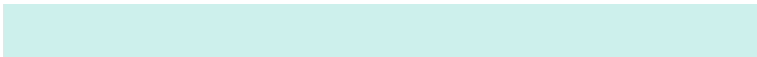
81.4990, 0.3204, 0.3132



91.8570, 0.3057, 0.3453

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.



81.4990, 0.2925, 0.3334



81.4990, 0.3204, 0.3132



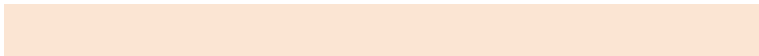
81.4990, 0.3192, 0.3532

Square

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



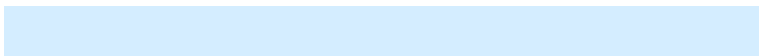
81.4990, 0.3204, 0.3132



81.4990, 0.3401, 0.3476



81.4990, 0.3047, 0.3457



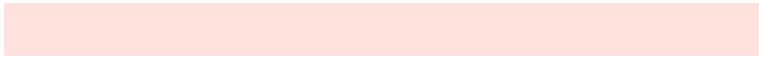
81.4990, 0.2860, 0.3098

Rectangle

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



81.4990, 0.3204, 0.3132



81.4990, 0.3388, 0.3326



81.4990, 0.3047, 0.3457



81.4990, 0.2873, 0.3245

Sweetspot

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



81.5026, 0.3204, 0.3132



95.0276, 0.3148, 0.3245



79.2507, 0.3031, 0.3027



20.0625, 0.3154, 0.3233



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

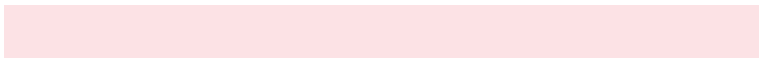
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.5026, 0.3204, 0.3132



81.2711, 0.3218, 0.3105



80.7507, 0.3290, 0.3260



17.4047, 0.3197, 0.3145



12.0431, 0.4481, 0.2242



1.1361, 0.4288, 0.2136

Inverse Universe

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



81.5026, 0.3204, 0.3132



81.2711, 0.3218, 0.3105



92.6384, 0.2985, 0.3320



17.4047, 0.3197, 0.3145



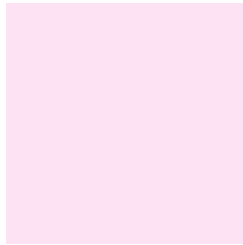
12.0431, 0.4481, 0.2242



1.1361, 0.4288, 0.2136

Previews

White Background



This preview shows how the Yxy color 81.4990, 0.3204, 0.3132 looks on a white background.

Color Contrast Check

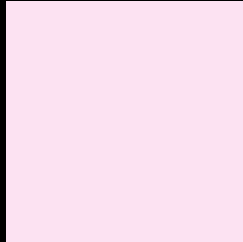
Large Text (above 18pt) WCAG AA × Fail

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 81.4990, 0.3204, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

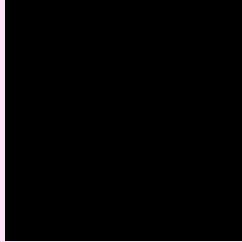
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.4990, 0.3204, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 81.4990, 0.3204, 0.3132.



This preview shows how white text looks on a background with the Yxy color 81.4990, 0.3204, 0.3132.

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

81.4990, 0.3204, 0.3132

Protanopia

81.7982, 0.3060, 0.3157

Deuteranopia

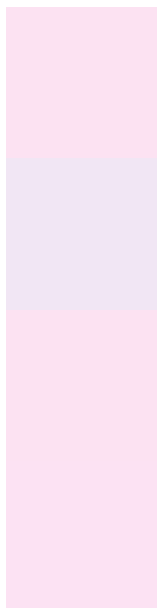
81.4990, 0.3204, 0.3132



Tritanopia

81.5592, 0.3197, 0.3122

Trichromacy



Original Color

81.4990, 0.3204, 0.3132

Protanomaly

81.8261, 0.3113, 0.3149

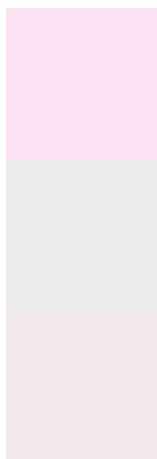
Deuteranomaly

81.4990, 0.3204, 0.3132

Tritanomaly

81.5592, 0.3197, 0.3122

Monochromacy



Original Color

81.4990, 0.3204, 0.3132

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

82.7635, 0.3157, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4990, 0.3204, 0.3132 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(252, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 226, 242)  
}
```

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(252, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 242) }
```

Border

The CSS property to change the border of an element to Yxy 81.4990, 0.3204, 0.3132 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(252, 226, 242) }
```

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

```
.border{ border-color:rgb(252, 226, 242) }
```

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

Here you see how a box with a 4 pixel rgb(252, 226, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4990, 0.3204, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 242) }
```

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

```
.background{ background-color: rgb(252,  
226, 242) }
```

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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