

Converting Colors

$Yxy(88.2706, 0.3577, 0.3266)$

Have a look what the booklet for
Yxy(88.2706, 0.3577, 0.3266)
contains.

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Color

Yxy(80.7119, 0.3320, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1E4
RGB	255, 225, 228
RGB Percent	100%, 88%, 89%
CMY	0.0000, 0.1176, 0.1060
CMYK	0.00, 0.12, 0.11, 0.00
HSL	354°, 100%, 94%
HSV	354°, 12%, 100%
XYZ	82.1722, 80.7119, 84.6225
YIQ	234.3120, 16.9170, 7.2930

Conversions

Conversions Part 2

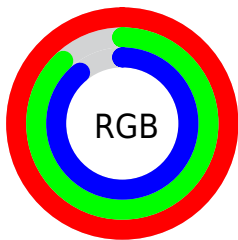
Format	Color
R _Y B	255, 225, 228
Decimal	16769508
CIE Lab	92.00, 10.79, 2.33
CIE LCh	92, 11.037, 12.192
Yxy	80.7119, 0.3320, 0.3261
Android (android.graphics.Color)	4294959588 (0xFFFFE1E4)
YUV	234.3120, -3.1118, 18.1434
Hunter-Lab	89.8398, 6.0458, 7.0410

Details

The Yxy color **80.7119, 0.3320, 0.3261** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94.5580, 0.2962, 0.3319**, and the grayscale version is **82.5390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7723, 0.3359, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **66.7449, 0.3528, 0.3235**, and if you desaturate by 10%, it is **96.9043, 0.3153, 0.3286**.

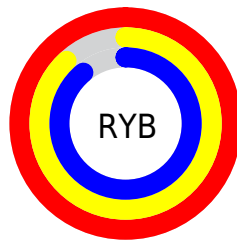
Distribution



Red (100%)

Green (88%)

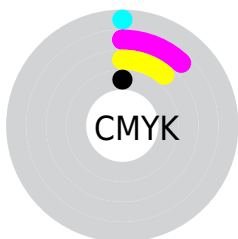
Blue (89%)



Red (100%)

Yellow (88%)

Blue (89%)

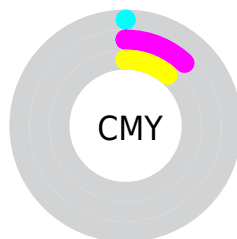


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.7119, 0.3320, 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 80.7119, 0.3320, 0.3261 by changing the saturation by 10% instead.

 80.7119, 0.3320,
0.3261

 80.7119, 0.3320,
0.3261


497.3288, 0.3232,
0.3275

 60.3044, 0.3340,
0.3258


134.3662, 0.3290,
0.3266

 43.6640, 0.3364,
0.3254


168.3817, 0.3278,
0.3268

 30.4064, 0.3395,
0.3249


207.7019, 0.3268,
0.3269

 20.1473, 0.3434,
0.3242

252.7114, 0.3259,
0.3271

 12.5022, 0.3488,
0.3233

303.7944, 0.3251,
0.3272

 7.0866, 0.3564,
0.3219

361.3354, 0.3244,

 3.5163, 0.3680,

0.3273

0.3197

425.7187, 0.3238,
0.3274

■ 1.4069, 0.3879,
0.3157

■ 0.2218, 0.6122,
0.2864

■ 80.7119, 0.3320,
0.3261

■ 80.7119, 0.3320,
0.3261

■ 66.7449, 0.3528,
0.3235

■ 96.9043, 0.3153,
0.3286

■ 54.9102, 0.3787,
0.3208

100.0000, 0.3127,
0.3290

■ 45.1016, 0.4104,
0.3182

■ 37.2053, 0.4484,
0.3161

■ 31.0963, 0.4917,
0.3150

■ 26.6347, 0.5375,
0.3153

■ 23.6601, 0.5803,
0.3175

■ 21.9793, 0.6138,
0.3215

■ 21.3312, 0.6312,
0.3251

Harmonies

Analogous

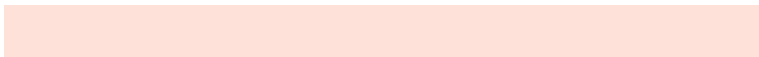
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.7119, 0.3211, 0.3159



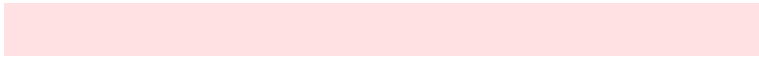
80.7119, 0.3320, 0.3261



80.7119, 0.3377, 0.3372

Triad

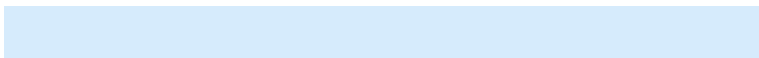
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.7119, 0.3320, 0.3261



80.7119, 0.3170, 0.3500



80.7119, 0.2894, 0.3112

Complementary

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



80.7119, 0.3320, 0.3261



94.5580, 0.2962, 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.



80.7119, 0.2884, 0.3200



80.7119, 0.3320, 0.3261



80.7119, 0.3041, 0.3427

Square

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



80.7119, 0.3320, 0.3261



80.7119, 0.3289, 0.3513



80.7119, 0.2937, 0.3315



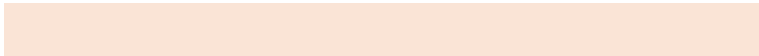
80.7119, 0.2965, 0.3073

Rectangle

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



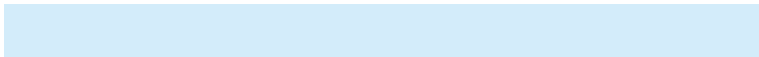
80.7119, 0.3320, 0.3261



80.7119, 0.3377, 0.3438



80.7119, 0.2937, 0.3315



80.7119, 0.2883, 0.3136

Sweetspot

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



80.7104, 0.3320, 0.3261



93.0860, 0.3187, 0.3280



81.7661, 0.3120, 0.2997



19.6548, 0.3199, 0.3279



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

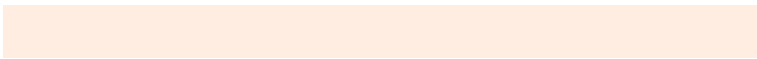
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.7104, 0.3320, 0.3261



77.3984, 0.3362, 0.3255



87.2648, 0.3325, 0.3409



18.0163, 0.3279, 0.3267



11.1556, 0.6290, 0.3239



1.0954, 0.6079, 0.3122

Inverse Universe

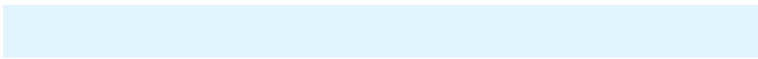
The Inverse Universe completely reimagines the original color for something new.



80.7104, 0.3320, 0.3261



77.3984, 0.3362, 0.3255



87.3289, 0.2944, 0.3168



18.0163, 0.3279, 0.3267



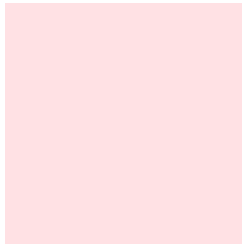
11.1556, 0.6290, 0.3239



1.0954, 0.6079, 0.3122

Previews

White Background



This preview shows how the Yxy color 80.7119, 0.3320, 0.3261 looks on a white background.

Color Contrast Check

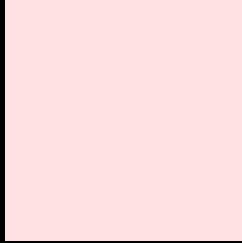
Large Text (above 18pt) WCAG AA × Fail

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 80.7119, 0.3320, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

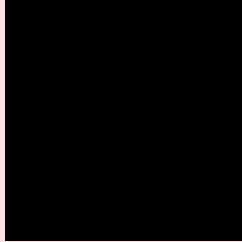
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

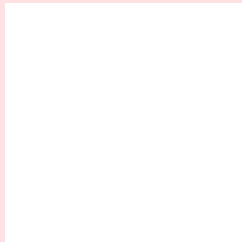
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.7119, 0.3320, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 80.7119, 0.3320, 0.3261.

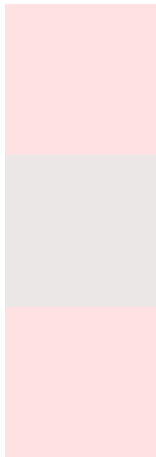


This preview shows how white text looks on a background with the Yxy color 80.7119, 0.3320, 0.3261.

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

80.7119, 0.3320, 0.3261

Protanopia

80.7542, 0.3161, 0.3290

Deuteranopia

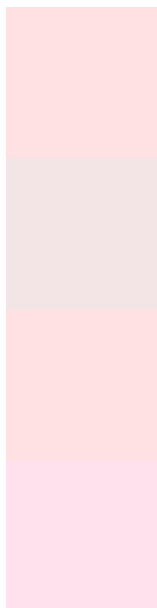
80.7119, 0.3320, 0.3261



Tritanopia

80.8626, 0.3240, 0.3133

Trichromacy



Original Color

80.7119, 0.3320, 0.3261

Protanomaly

80.8065, 0.3218, 0.3280

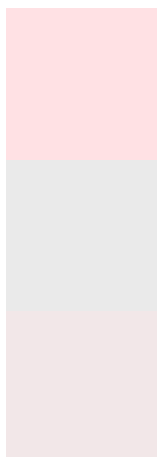
Deuteranomaly

80.7119, 0.3320, 0.3261

Tritanomaly

80.6274, 0.3266, 0.3172

Monochromacy



Original Color

80.7119, 0.3320, 0.3261

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.8553, 0.3196, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.7119, 0.3320, 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, 225, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 228)  
}
```

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, 225, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 228) }
```

Border

The CSS property to change the border of an element to Yxy 80.7119, 0.3320, 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, 225, 228) }
```

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

```
.border{ border-color:rgb(255, 225, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 80.7119, 0.3320, 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, 225, 228) }
```

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

```
.background{ background-color: rgb(255,  
225, 228) }
```

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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