

Converting Colors

Yxy(80.0646, 0.3320, 0.3247)

Have a look what the booklet for
Yxy(80.0646, 0.3320, 0.3247)
contains.

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Color

Yxy(80.1727, 0.3321, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0E4
RGB	255, 224, 228
RGB Percent	100%, 88%, 89%
CMY	0.0000, 0.1215, 0.1060
CMYK	0.00, 0.12, 0.11, 0.00
HSL	352°, 100%, 94%
HSV	352°, 12%, 100%
XYZ	81.8990, 80.1727, 84.5377
YIQ	233.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

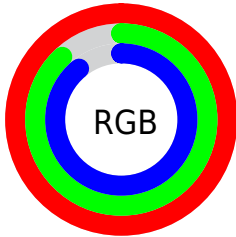
Format	Color
R _Y B	255, 224, 228
Decimal	16769252
CIE Lab	91.76, 11.30, 1.98
CIE LCh	92, 11.470, 9.924
Yxy	80.1727, 0.3321, 0.3251
Android (android.graphics.Color)	4294959332 (0xFFFFE0E4)
YUV	233.7250, -2.8224, 18.6582
Hunter-Lab	89.5392, 6.5753, 6.6993

Details

The Yxy color $80.1727, 0.3321, 0.3251$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $94.3351, 0.2962, 0.3329$, and the grayscale version is $82.0720, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.3988, 0.3361, 0.3240$ is the 20% darker color. If you saturate the color by 10%, you get $66.3232, 0.3524, 0.3217$, and if you desaturate by 10%, it is $96.2394, 0.3158, 0.3283$.

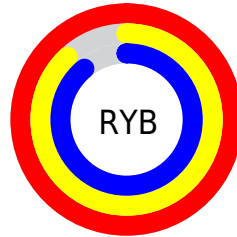
Distribution



Red (100%)

Green (88%)

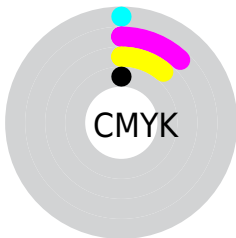
Blue (89%)



Red (100%)

Yellow (88%)

Blue (89%)

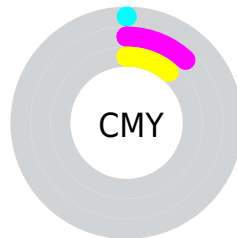


Cyan (0%)

Magenta (12%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.1727, 0.3321, 0.3251 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 80.1727, 0.3321, 0.3251 by changing the saturation by 10% instead.

 80.1727, 0.3321,
0.3251

 80.1727, 0.3321,
0.3251


495.5147, 0.3233,
0.3269

 59.8605, 0.3341,
0.3247

133.6085, 0.3291,
0.3257

 43.3062, 0.3365,
0.3242

167.5009, 0.3279,
0.3260

 30.1254, 0.3396,
0.3235


206.6888, 0.3268,
0.3262

 19.9338, 0.3436,
0.3226

251.5566, 0.3259,
0.3264

 12.3469, 0.3490,
0.3214

302.4887, 0.3251,
0.3265

 6.9804, 0.3567,
0.3197

359.8694, 0.3244,

 3.4499, 0.3684,

0.3267

0.3169

424.0833, 0.3238,
0.3268

■ 1.3709, 0.3887,
0.3120

■ 0.1951, 0.6314,
0.2670

■ 80.1727, 0.3321,
0.3251

■ 80.1727, 0.3321,
0.3251

■ 66.3232, 0.3524,
0.3217

■ 96.2394, 0.3158,
0.3283

■ 54.5892, 0.3776,
0.3182

100.0000, 0.3127,
0.3290

■ 44.8678, 0.4084,
0.3148

■ 37.0456, 0.4453,
0.3121

■ 30.9980, 0.4874,
0.3104

■ 26.5856, 0.5321,
0.3106

■ 23.6478, 0.5746,
0.3132

■ 21.9917, 0.6087,
0.3182

■ 21.3679, 0.6268,
0.3226

Harmonies

Analogous

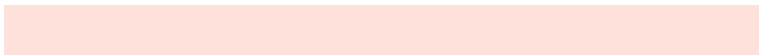
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1727, 0.3204, 0.3147



80.1727, 0.3321, 0.3251



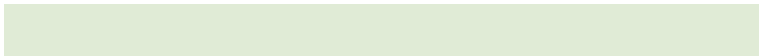
80.1727, 0.3386, 0.3367

Triad

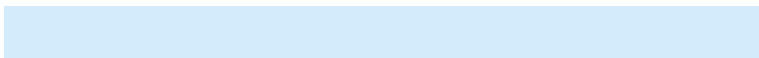
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1727, 0.3321, 0.3251



80.1727, 0.3182, 0.3512



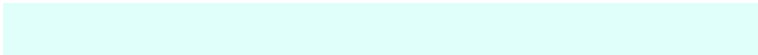
80.1727, 0.2881, 0.3110

Complementary

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



80.1727, 0.3321, 0.3251



94.3351, 0.2962, 0.3329

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.



80.1727, 0.2876, 0.3204



80.1727, 0.3321, 0.3251



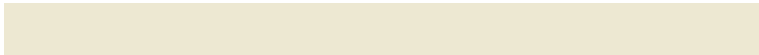
80.1727, 0.3047, 0.3440

Square

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



80.1727, 0.3321, 0.3251



80.1727, 0.3304, 0.3521



80.1727, 0.2936, 0.3326



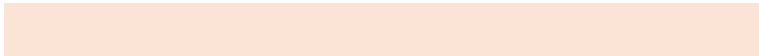
80.1727, 0.2951, 0.3065

Rectangle

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



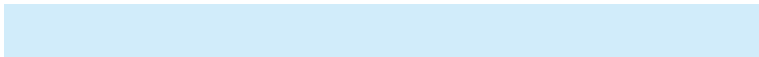
80.1727, 0.3321, 0.3251



80.1727, 0.3389, 0.3437



80.1727, 0.2936, 0.3326



80.1727, 0.2872, 0.3136

Sweetspot

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



80.1742, 0.3321, 0.3251



93.1042, 0.3185, 0.3278



81.0187, 0.3113, 0.2987



19.6594, 0.3197, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

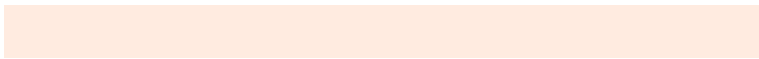
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.1742, 0.3321, 0.3251



76.0120, 0.3374, 0.3241



86.2708, 0.3334, 0.3403



18.0249, 0.3274, 0.3260



11.1768, 0.6241, 0.3212



1.0995, 0.5992, 0.3075

Inverse Universe

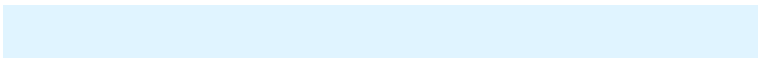
The Inverse Universe completely reimagines the original color for something new.



80.1742, 0.3321, 0.3251



76.0120, 0.3374, 0.3241



87.5502, 0.2938, 0.3174



18.0249, 0.3274, 0.3260



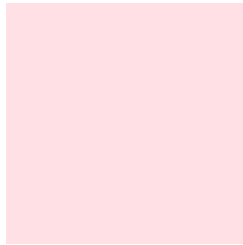
11.1768, 0.6241, 0.3212



1.0995, 0.5992, 0.3075

Previews

White Background



This preview shows how the Yxy color 80.1727, 0.3321, 0.3251 looks on a white background.

Color Contrast Check

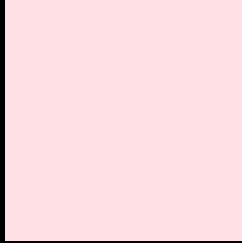
Large Text (above 18pt) WCAG AA × Fail

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 80.1727, 0.3321, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

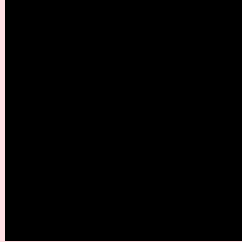
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

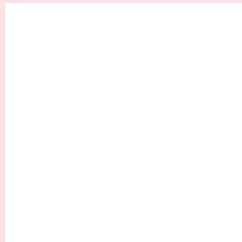
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.1727, 0.3321, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 80.1727, 0.3321, 0.3251.

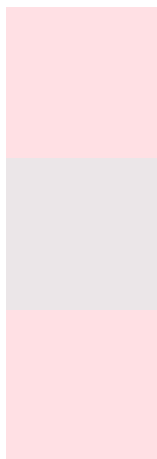


This preview shows how white text looks on a background with the Yxy color 80.1727, 0.3321, 0.3251.

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

80.1727, 0.3321, 0.3251

Protanopia

80.0820, 0.3149, 0.3269

Deuteranopia

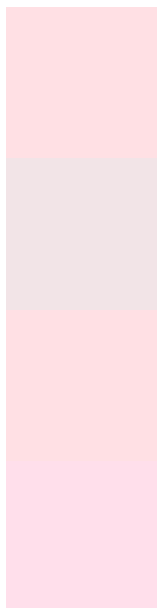
80.1727, 0.3321, 0.3251



Tritanopia

80.2673, 0.3247, 0.3132

Trichromacy



Original Color

80.1727, 0.3321, 0.3251

Protanomaly

80.1336, 0.3205, 0.3260

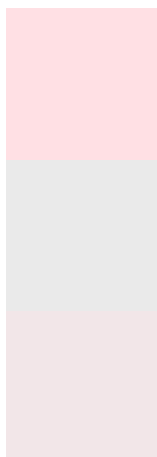
Deuteranomaly

80.1727, 0.3321, 0.3251

Tritanomaly

80.0335, 0.3274, 0.3172

Monochromacy



Original Color

80.1727, 0.3321, 0.3251

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.2971, 0.3197, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1727, 0.3321, 0.3251 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, 224, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 228) }
```

Border

The CSS property to change the border of an element to Yxy 80.1727, 0.3321, 0.3251 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, 224, 228) }
```

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

```
.border{ border-color:rgb(255, 224, 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, 224, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1727, 0.3321, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 228) }
```

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

```
.background{ background-color: rgb(255,  
224, 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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