

Converting Colors

$Y_{xy}(80.5160, 0.3410, 0.3355)$

Have a look what the booklet for
Yxy(80.5160, 0.3410, 0.3355)
contains.

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Color

Yxy(80.1724, 0.3388, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1DA
RGB	255, 225, 218
RGB Percent	100%, 88%, 85%
CMY	0.0001, 0.1176, 0.1451
CMYK	0.00, 0.12, 0.15, 0.00
HSL	11°, 100%, 93%
HSV	11°, 15%, 100%
XYZ	80.8165, 80.1724, 77.5485
YIQ	233.1720, 20.1270, 4.1830

Conversions

Conversions Part 2

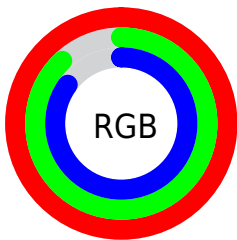
Format	Color
RYB	255, 227, 218
Decimal	16769498
CIELab	91.76, 9.19, 7.19
CIELCh	92, 11.671, 38.022
Yxy	80.1724, 0.3388, 0.3361
Android (android.graphics.Color)	4294959578 (0xFFFFE1DA)
YUV	233.1720, -7.4798, 19.1432
Hunter-Lab	89.5390, 4.4178, 11.3271

Details

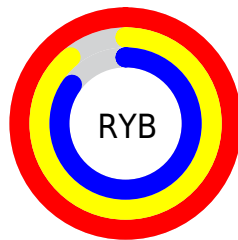
The Yxy color $80.1724, 0.3388, 0.3361$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.2488, 0.2903, 0.3218$, and the grayscale version is $81.6692, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.3996, 0.3449, 0.3381$ is the 20% darker color. If you saturate the color by 10%, you get $68.4342, 0.3616, 0.3414$, and if you desaturate by 10%, it is $93.4758, 0.3200, 0.3311$.

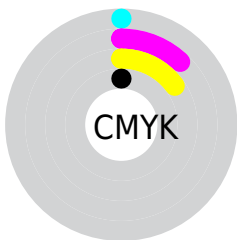
Distribution



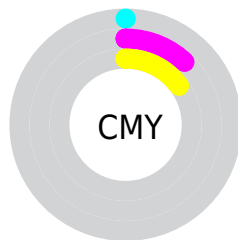
- Red (100%)
- Green (88%)
- Blue (85%)



- Red (100%)
- Yellow (89%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.1724, 0.3388, 0.3361 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 80.1724, 0.3388, 0.3361 by changing the saturation by 10% instead.


 80.1724, 0.3388,
0.3361

 80.1724, 0.3388,
0.3361


495.5136, 0.3269,
0.3330

 59.8602, 0.3415,
0.3368


133.6081, 0.3347,
0.3351

 43.3060, 0.3448,
0.3376


167.5004, 0.3331,
0.3346

 30.1253, 0.3490,
0.3386


206.6882, 0.3317,
0.3343

 19.9337, 0.3544,
0.3398

251.5559, 0.3305,
0.3340

 12.3469, 0.3618,
0.3414

302.4879, 0.3294,
0.3337

 6.9804, 0.3722,
0.3435

359.8686, 0.3285,

 3.4498, 0.3882,

0.3334

0.3463

424.0824, 0.3276,
0.3332

■ 1.3708, 0.4158,
0.3503

■ 0.1951, 0.6775,
0.3225

■ 80.1724, 0.3388,
0.3361

■ 80.1724, 0.3388,
0.3361

■ 68.4342, 0.3616,
0.3414

■ 93.4758, 0.3200,
0.3311

■ 58.1932, 0.3890,
0.3467

99.9973, 0.3127,
0.3290

■ 49.3917, 0.4215,
0.3518

■ 41.9647, 0.4591,
0.3561

■ 35.8417, 0.5005,
0.3587

■ 30.9462, 0.5428,
0.3586

■ 27.1929, 0.5813,
0.3552

■ 24.4853, 0.6106,
0.3484

■ 23.3956, 0.6222,
0.3441

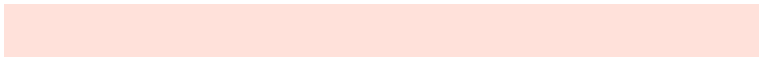
Harmonies

Analogous

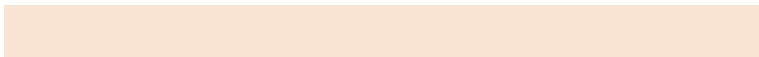
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1724, 0.3318, 0.3243



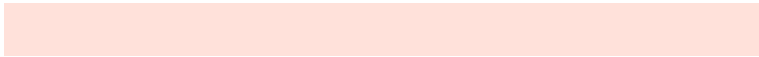
80.1724, 0.3388, 0.3361



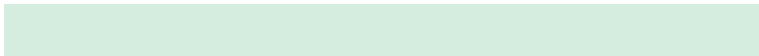
80.1724, 0.3386, 0.3464

Triad

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



80.1724, 0.3388, 0.3361



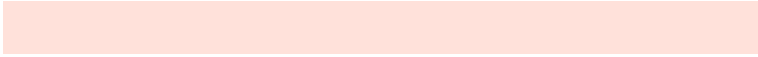
80.1724, 0.3054, 0.3449



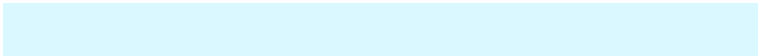
80.1724, 0.2941, 0.3062

Complementary

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



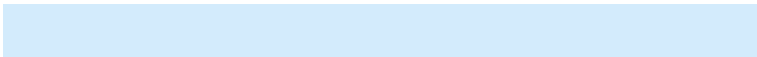
80.1724, 0.3388, 0.3361



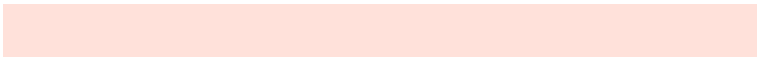
89.2488, 0.2903, 0.3218

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.



80.1724, 0.2874, 0.3111



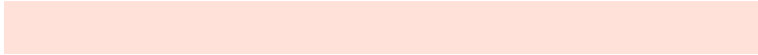
80.1724, 0.3388, 0.3361



80.1724, 0.2939, 0.3334

Square

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



80.1724, 0.3388, 0.3361



80.1724, 0.3191, 0.3519



80.1724, 0.2873, 0.3210



80.1724, 0.3059, 0.3073

Rectangle

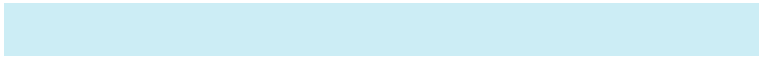
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



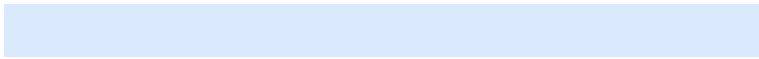
80.1724, 0.3388, 0.3361



80.1724, 0.3344, 0.3510



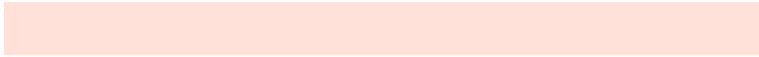
80.1724, 0.2873, 0.3210



80.1724, 0.2912, 0.3072

Sweetspot

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



80.1760, 0.3388, 0.3361



94.1981, 0.3192, 0.3309



78.1937, 0.3189, 0.2994



19.9349, 0.3205, 0.3312



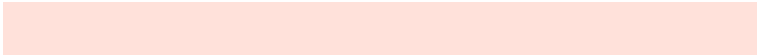
0.0000, 0.0000, 0.0000



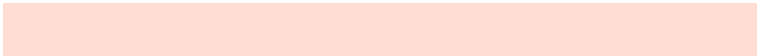
21.4041, 0.3127, 0.3290

Same Dimension

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



80.1760, 0.3388, 0.3361



77.1094, 0.3441, 0.3374



90.5858, 0.3362, 0.3540



18.5436, 0.3290, 0.3336



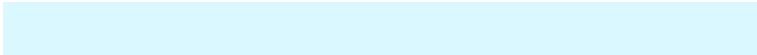
12.3843, 0.6199, 0.3460



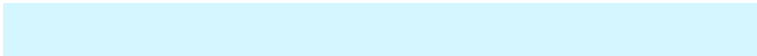
1.3464, 0.5997, 0.3620

Inverse Universe

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



89.2488, 0.2903, 0.3218



87.5575, 0.2866, 0.3204



78.5616, 0.2897, 0.3027



19.8620, 0.2980, 0.3244



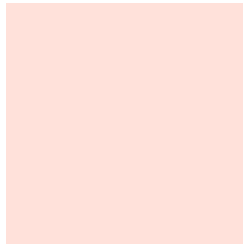
27.2234, 0.2075, 0.2670



2.7944, 0.2097, 0.2749

Previews

White Background



This preview shows how the Yxy color 80.1724, 0.3388, 0.3361 looks on a white background.

Color Contrast Check

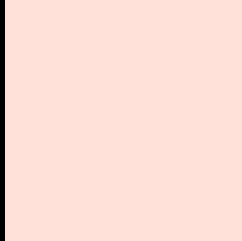
Large Text (above 18pt) WCAG AA × Fail

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 80.1724, 0.3388, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

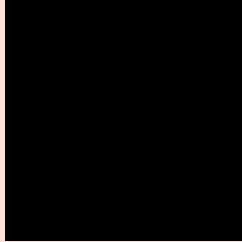
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

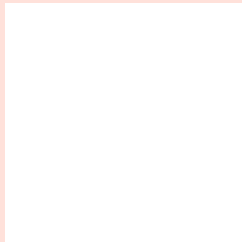
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.1724, 0.3388, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 80.1724, 0.3388, 0.3361.

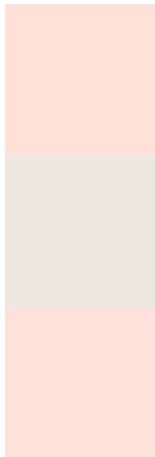


This preview shows how white text looks on a background with the Yxy color 80.1724, 0.3388, 0.3361.

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

80.1724, 0.3388, 0.3361

Protanopia

80.5494, 0.3240, 0.3394

Deuteranopia

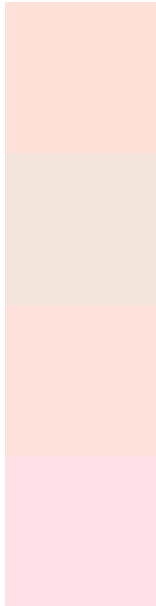
80.2777, 0.3374, 0.3341



Tritanopia

80.2084, 0.3254, 0.3142

Trichromacy



Original Color

80.1724, 0.3388, 0.3361

Protanomaly

80.4390, 0.3290, 0.3383

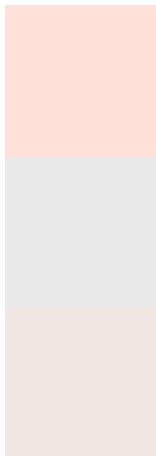
Deuteranomaly

80.2249, 0.3381, 0.3351

Tritanomaly

80.3408, 0.3300, 0.3221

Monochromacy



Original Color

80.1724, 0.3388, 0.3361

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.8958, 0.3216, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1724, 0.3388, 0.3361 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 218) }
```

Border

The CSS property to change the border of an element to Yxy 80.1724, 0.3388, 0.3361 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, 218) }
```

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

```
.border{ border-color:rgb(255, 225, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1724, 0.3388, 0.3361 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, 218) }
```

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

```
.background{ background-color: rgb(255,  
225, 218) }
```

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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