

Converting Colors

$Yxy(93.9392, 0.3902, 0.3455)$

Have a look what the booklet for
Yxy(93.9392, 0.3902, 0.3455)
contains.

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Color

Yxy(80.1577, 0.3463, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	FFE2CF
RGB	255, 226, 207
RGB Percent	100%, 89%, 81%
CMY	0.0000, 0.1137, 0.1883
CMYK	0.00, 0.11, 0.19, 0.00
HSL	24°, 100%, 91%
HSV	24°, 19%, 100%
XYZ	79.6974, 80.1577, 70.2847
YIQ	232.5050, 23.3830, 0.2390

Conversions

Conversions Part 2

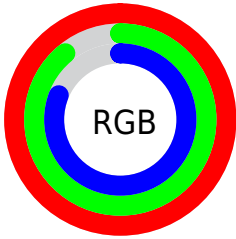
Format	Color
R _Y B	255, 238, 207
Decimal	16769743
CIE Lab	91.76, 7.03, 12.94
CIE LCh	92, 14.722, 61.496
Yxy	80.1577, 0.3463, 0.3483
Android (android.graphics.Color)	4294959823 (0xFFFE2CF)
YUV	232.5050, -12.5740, 19.7281
Hunter-Lab	89.5308, 2.2159, 16.1269

Details

The Yxy color $80.1577, 0.3463, 0.3483$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.4530, 0.2832, 0.3089$, and the grayscale version is $81.1772, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.4315, 0.3537, 0.3524$ is the 20% darker color. If you saturate the color by 10%, you get $71.0122, 0.3684, 0.3592$, and if you desaturate by 10%, it is $90.2614, 0.3272, 0.3378$.

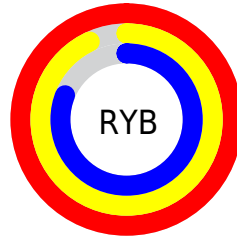
Distribution



Red (100%)

Green (89%)

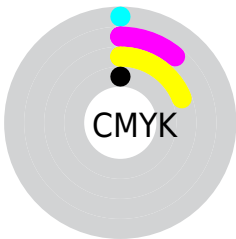
Blue (81%)



Red (100%)

Yellow (93%)

Blue (81%)

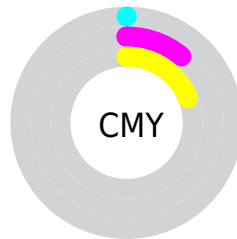


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (11%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.1577, 0.3463, 0.3483 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 80.1577, 0.3463, 0.3483 by changing the saturation by 10% instead.

 80.1577, 0.3463,
0.3483

 80.1577, 0.3463,
0.3483


495.4641, 0.3309,
0.3397

 59.8481, 0.3498,
0.3502

133.5874, 0.3410,
0.3454

 43.2962, 0.3540,
0.3525


167.4764, 0.3389,
0.3442

 30.1176, 0.3594,
0.3553


206.6606, 0.3371,
0.3432

 19.9279, 0.3663,
0.3589

251.5244, 0.3356,
0.3424

 12.3426, 0.3757,
0.3636

302.4523, 0.3342,
0.3416

 6.9775, 0.3889,
0.3699

359.8286, 0.3330,

 3.4480, 0.4088,

0.3409

0.3789

424.0378, 0.3319,
0.3403

■ 1.3699, 0.4508,
0.3997

■ 0.1944, 0.6470,
0.3530

■ 80.1577, 0.3463,
0.3483

■ 80.1577, 0.3463,
0.3483

■ 71.0122, 0.3684,
0.3592

■ 90.2614, 0.3272,
0.3378

■ 62.7879, 0.3938,
0.3701

100.0000, 0.3127,
0.3290

■ 55.4564, 0.4224,
0.3804

■ 48.9849, 0.4538,
0.3890

■ 43.3382, 0.4866,
0.3947

■ 38.4779, 0.5188,
0.3962

■ 34.3618, 0.5478,
0.3924

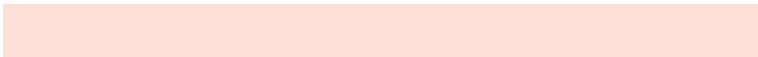
■ 30.9383, 0.5715,
0.3836

■ 30.5792, 0.5740,
0.3824

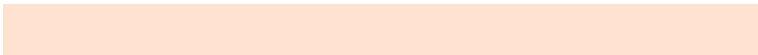
Harmonies

Analogous

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



80.1577, 0.3445, 0.3346



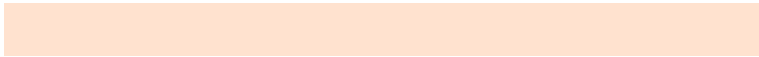
80.1577, 0.3463, 0.3483



80.1577, 0.3388, 0.3574

Triad

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



80.1577, 0.3463, 0.3483



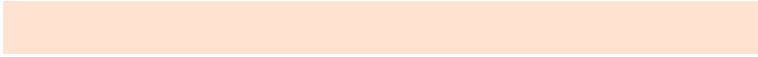
80.1577, 0.2917, 0.3380



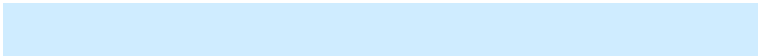
80.1577, 0.3004, 0.3009

Complementary

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



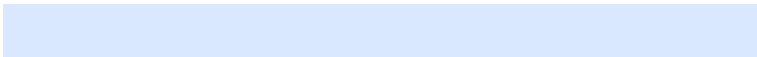
80.1577, 0.3463, 0.3483



80.4530, 0.2832, 0.3089

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.



80.1577, 0.2869, 0.3011



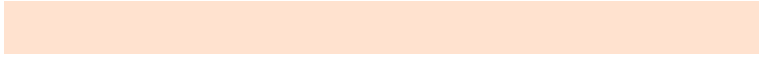
80.1577, 0.3463, 0.3483



80.1577, 0.2819, 0.3220

Square

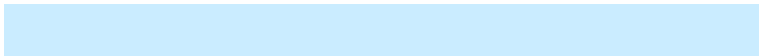
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1577, 0.3463, 0.3483



80.1577, 0.3071, 0.3517



80.1577, 0.2802, 0.3086



80.1577, 0.3177, 0.3078

Rectangle

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



80.1577, 0.3463, 0.3483



80.1577, 0.3298, 0.3593



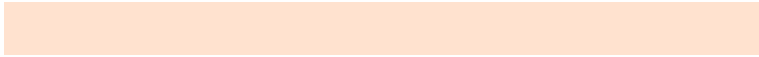
80.1577, 0.2802, 0.3086



80.1577, 0.2953, 0.3001

Sweetspot

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



80.1602, 0.3463, 0.3483



93.3013, 0.3224, 0.3349



71.9631, 0.3278, 0.2995



19.8189, 0.3235, 0.3356



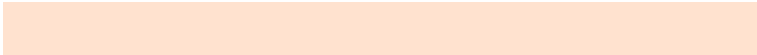
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



80.1602, 0.3463, 0.3483



76.2350, 0.3551, 0.3528



93.7607, 0.3421, 0.3709



19.1682, 0.3284, 0.3385



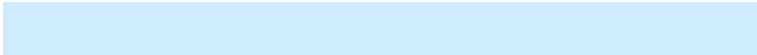
16.2496, 0.5711, 0.3848



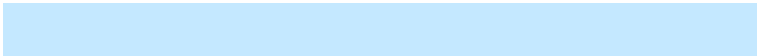
1.7883, 0.5502, 0.4013

Inverse Universe

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



80.4530, 0.2832, 0.3089



76.5787, 0.2766, 0.3039



67.8572, 0.2817, 0.2834



19.2024, 0.2979, 0.3193



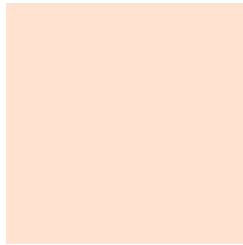
16.1380, 0.1870, 0.1933



1.7848, 0.1918, 0.2104

Previews

White Background



This preview shows how the Yxy color 80.1577, 0.3463, 0.3483 looks on a white background.

Color Contrast Check

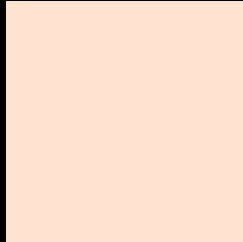
Large Text (above 18pt) WCAG AA × Fail

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 80.1577, 0.3463, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

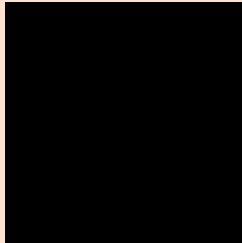
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.1577, 0.3463, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 80.1577, 0.3463, 0.3483.

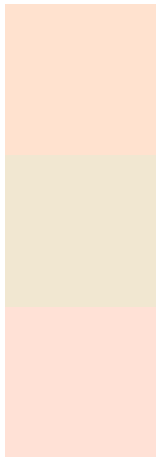


This preview shows how white text looks on a background with the Yxy color 80.1577, 0.3463, 0.3483.

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

80.1577, 0.3463, 0.3483

Protanopia

80.4560, 0.3340, 0.3519

Deuteranopia

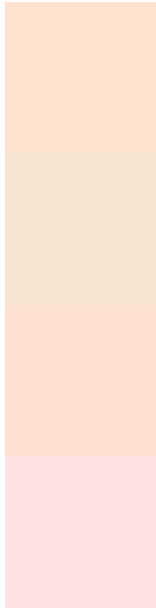
79.9655, 0.3416, 0.3401



Tritanopia

80.2084, 0.3254, 0.3142

Trichromacy



Original Color

80.1577, 0.3463, 0.3483

Protanomaly

80.1855, 0.3385, 0.3507

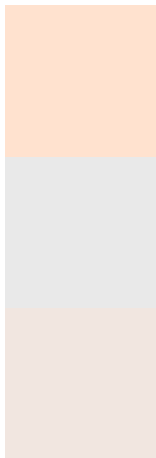
Deuteranomaly

79.8136, 0.3437, 0.3432

Tritanomaly

80.1174, 0.3328, 0.3261

Monochromacy



Original Color

80.1577, 0.3463, 0.3483

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.6762, 0.3242, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1577, 0.3463, 0.3483 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 207) }
```

Border

The CSS property to change the border of an element to Yxy 80.1577, 0.3463, 0.3483 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, 207) }
```

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

```
.border{ border-color:rgb(255, 226, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 226, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 226, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 226,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1577, 0.3463, 0.3483 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
226, 207) }
```

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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