

Converting Colors

Yxy(79.4468, 0.3451, 0.3446)

Have a look what the booklet for
Yxy(79.4468, 0.3451, 0.3446)
contains.

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Color

Yxy(79.1748, 0.3452, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0D1
RGB	255, 224, 209
RGB Percent	100%, 88%, 82%
CMY	0.0000, 0.1215, 0.1802
CMYK	0.00, 0.12, 0.18, 0.00
HSL	20°, 100%, 91%
HSV	20°, 18%, 100%
XYZ	79.4048, 79.1748, 71.4459
YIQ	231.5590, 23.2910, 1.9070

Conversions

Conversions Part 2

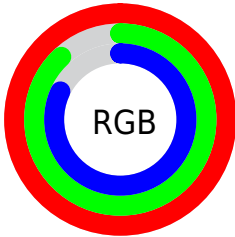
Format	Color
R _{YB}	255, 231, 209
Decimal	16769233
CIE _{Lab}	91.31, 8.35, 11.23
CIE _{LCh}	91, 13.996, 53.350
Y _{xy}	79.1748, 0.3452, 0.3442
Android (android.graphics.Color)	4294959313 (0xFFFFE0D1)
YUV	231.5590, -11.1216, 20.5578
Hunter-Lab	88.9802, 3.5758, 14.6797

Details

The Yxy color **79.1748, 0.3452, 0.3442** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1151, 0.2847, 0.3133**, and the grayscale version is **80.4241, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7483, 0.3525, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **69.2344, 0.3679, 0.3532**, and if you desaturate by 10%, it is **90.2591, 0.3260, 0.3355**.

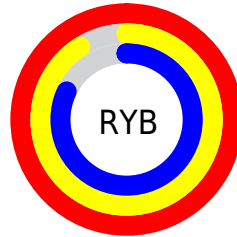
Distribution



Red (100%)

Green (88%)

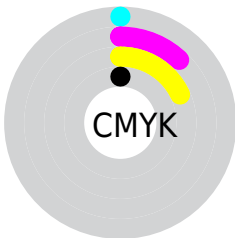
Blue (82%)



Red (100%)

Yellow (91%)

Blue (82%)

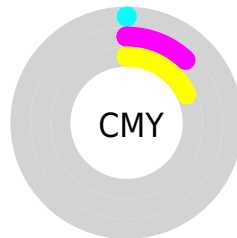


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1748, 0.3452, 0.3442 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 79.1748, 0.3452, 0.3442 by changing the saturation by 10% instead.


 79.1748, 0.3452,
0.3442

 79.1748, 0.3452,
0.3442

492.1475, 0.3303,
0.3375

 59.0395, 0.3486,
0.3457

132.2049, 0.3401,
0.3419

 42.6449, 0.3527,
0.3475


165.8686, 0.3380,
0.3410

 29.6066, 0.3580,
0.3497


204.8105, 0.3363,
0.3402

 19.5402, 0.3648,
0.3524

249.4150, 0.3348,
0.3395

 12.0613, 0.3739,
0.3561

300.0666, 0.3335,
0.3389

 6.7854, 0.3870,
0.3610

357.1496, 0.3323,

 3.3283, 0.4069,

0.3384

0.3678

421.0484, 0.3312,
0.3379

■ 1.3054, 0.4472,
0.3830

■ 0.1454, 0.7018,
0.2982

■ 79.1748, 0.3452,
0.3442

■ 79.1748, 0.3452,
0.3442

■ 69.2344, 0.3679,
0.3532

■ 90.2591, 0.3260,
0.3355

■ 60.3899, 0.3944,
0.3623

99.9976, 0.3127,
0.3290

■ 52.6057, 0.4248,
0.3708

■ 45.8399, 0.4587,
0.3778

■ 40.0476, 0.4947,
0.3822

■ 35.1803, 0.5306,
0.3827

■ 31.1843, 0.5629,
0.3784

■ 27.9972, 0.5886,
0.3693

■ 27.4514, 0.5931,
0.3673

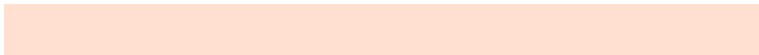
Harmonies

Analogous

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



79.1748, 0.3410, 0.3305



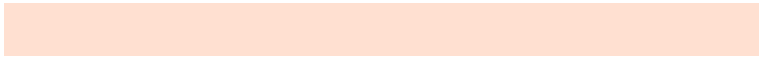
79.1748, 0.3452, 0.3442



79.1748, 0.3404, 0.3544

Triad

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



79.1748, 0.3452, 0.3442



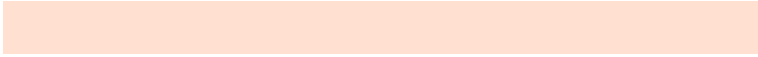
79.1748, 0.2962, 0.3416



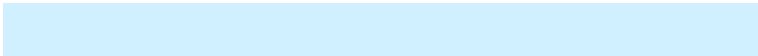
79.1748, 0.2970, 0.3015

Complementary

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



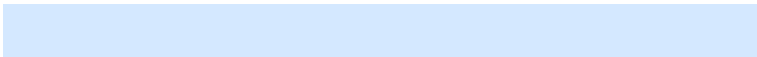
79.1748, 0.3452, 0.3442



83.1151, 0.2847, 0.3133

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.



79.1748, 0.2856, 0.3036



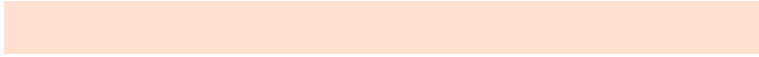
79.1748, 0.3452, 0.3442



79.1748, 0.2851, 0.3265

Square

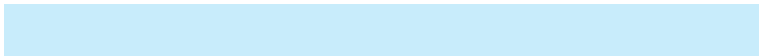
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1748, 0.3452, 0.3442



79.1748, 0.3119, 0.3533



79.1748, 0.2813, 0.3126



79.1748, 0.3129, 0.3063

Rectangle

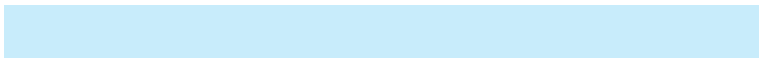
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1748, 0.3452, 0.3442



79.1748, 0.3328, 0.3576



79.1748, 0.2813, 0.3126



79.1748, 0.2925, 0.3014

Sweetspot

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



79.1784, 0.3452, 0.3442



93.8425, 0.3208, 0.3330



73.1973, 0.3249, 0.2979



19.9060, 0.3219, 0.3336



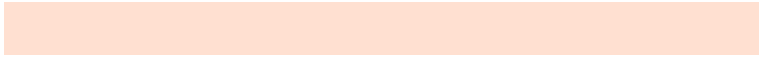
0.0000, 0.0000, 0.0000



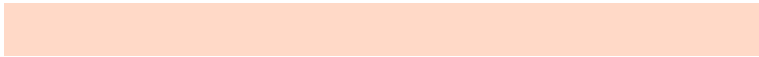
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1784, 0.3452, 0.3442



75.0930, 0.3538, 0.3478



92.1187, 0.3413, 0.3661



18.9530, 0.3286, 0.3368



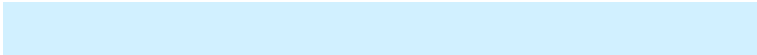
14.5855, 0.5901, 0.3696



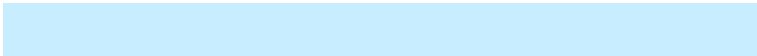
1.6093, 0.5681, 0.3871

Inverse Universe

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



83.1151, 0.2847, 0.3133



79.7598, 0.2785, 0.3094



70.6474, 0.2834, 0.2889



19.4256, 0.2980, 0.3211



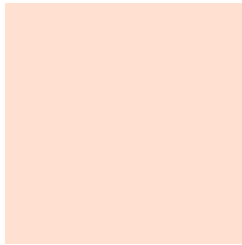
19.4629, 0.1941, 0.2186



2.0941, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 79.1748, 0.3452, 0.3442 looks on a white background.

Color Contrast Check

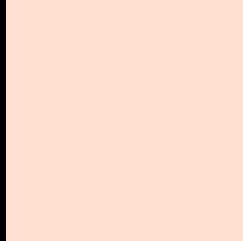
Large Text (above 18pt) WCAG AA × Fail

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 79.1748, 0.3452, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

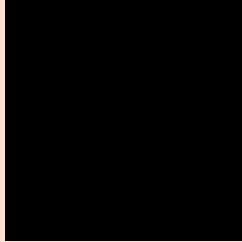
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.1748, 0.3452, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 79.1748, 0.3452, 0.3442.

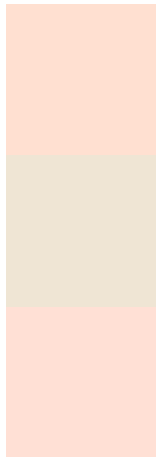


This preview shows how white text looks on a background with the Yxy color 79.1748, 0.3452, 0.3442.

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

79.1748, 0.3452, 0.3442

Protanopia

79.1428, 0.3308, 0.3468

Deuteranopia

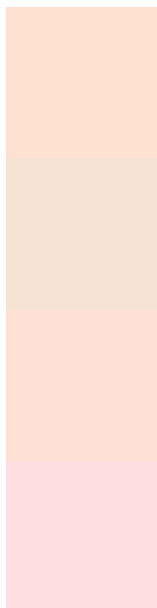
79.3754, 0.3424, 0.3402



Tritanopia

79.0290, 0.3269, 0.3142

Trichromacy



Original Color

79.1748, 0.3452, 0.3442

Protanomaly

79.0538, 0.3361, 0.3456

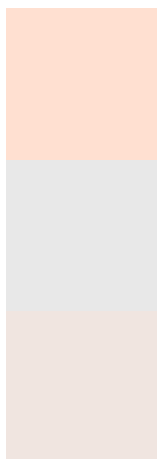
Deuteranomaly

79.3248, 0.3431, 0.3412

Tritanomaly

78.9935, 0.3337, 0.3251

Monochromacy



Original Color

79.1748, 0.3452, 0.3442

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.9457, 0.3236, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1748, 0.3452, 0.3442 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 209) }
```

Border

The CSS property to change the border of an element to Yxy 79.1748, 0.3452, 0.3442 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, 209) }
```

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

```
.border{ border-color:rgb(255, 224, 209) }
```

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, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1748, 0.3452, 0.3442 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, 209) }
```

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

```
.background{ background-color: rgb(255,  
224, 209) }
```

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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