

Converting Colors

$Y_{xy}(100.0000, 0.4076, 0.3434)$

Have a look what the booklet for
Yxy(100.0000, 0.4076, 0.3434)
contains.

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Color

Yxy(79.6645, 0.3458, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1D0
RGB	255, 225, 208
RGB Percent	100%, 88%, 82%
CMY	0.0000, 0.1176, 0.1845
CMYK	0.00, 0.12, 0.18, 0.00
HSL	22°, 100%, 91%
HSV	22°, 18%, 100%
XYZ	79.5495, 79.6645, 70.8308
YIQ	232.0320, 23.3370, 1.0730

Conversions

Conversions Part 2

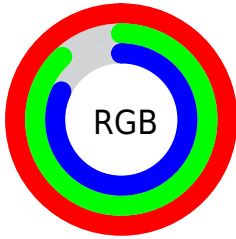
Format	Color
R _Y B	255, 235, 208
Decimal	16769488
CIE Lab	91.53, 7.69, 12.11
CIE LCh	92, 14.344, 57.588
Yxy	79.6645, 0.3458, 0.3463
Android (android.graphics.Color)	4294959568 (0xFFFFE1D0)
YUV	232.0320, -11.8478, 20.1429
Hunter-Lab	89.2550, 2.8939, 15.4272

Details

The Yxy color **79.6645, 0.3458, 0.3463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.7454, 0.2839, 0.3110**, and the grayscale version is **80.7967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.0883, 0.3531, 0.3498** is the 20% darker color. If you saturate the color by 10%, you get **70.1332, 0.3682, 0.3563**, and if you desaturate by 10%, it is **90.2370, 0.3266, 0.3367**.

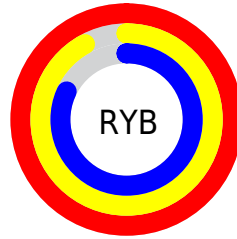
Distribution



Red (100%)

Green (88%)

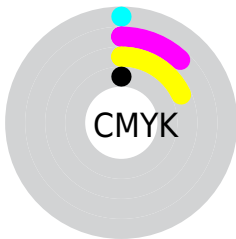
Blue (82%)



Red (100%)

Yellow (92%)

Blue (82%)

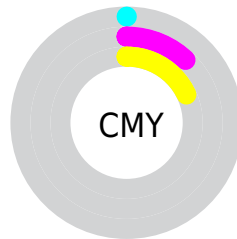


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6645, 0.3458, 0.3463 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 79.6645, 0.3458, 0.3463 by changing the saturation by 10% instead.

 79.6645, 0.3458,
0.3463

 79.6645, 0.3458,
0.3463


493.8015, 0.3306,
0.3386

 59.4423, 0.3492,
0.3480


132.8939, 0.3406,
0.3437

 42.9693, 0.3534,
0.3500

166.6700, 0.3385,
0.3427

 29.8610, 0.3587,
0.3525


205.7327, 0.3368,
0.3418

 19.7331, 0.3656,
0.3557

250.4666, 0.3352,
0.3410

 12.2012, 0.3749,
0.3599

301.2561, 0.3339,
0.3403

 6.8809, 0.3881,
0.3656

358.4854, 0.3327,

 3.3877, 0.4081,

0.3397

0.3735

422.5391, 0.3316,
0.3391

■ 1.3373, 0.4493,
0.3915

■ 0.1698, 0.6727,
0.3273

■ 79.6645, 0.3458,
0.3463

■ 79.6645, 0.3458,
0.3463

■ 70.1332, 0.3682,
0.3563

■ 90.2370, 0.3266,
0.3367

■ 61.6067, 0.3941,
0.3663

100.0000, 0.3127,
0.3290

■ 54.0516, 0.4236,
0.3758

■ 47.4308, 0.4562,
0.3836

■ 41.7049, 0.4906,
0.3887

■ 36.8310, 0.5245,
0.3897

■ 32.7619, 0.5552,
0.3856

■ 29.4411, 0.5799,
0.3765

■ 28.9854, 0.5834,
0.3749

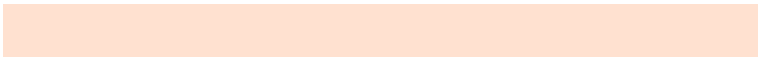
Harmonies

Analogous

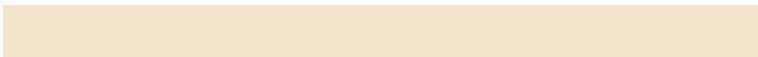
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6645, 0.3428, 0.3326



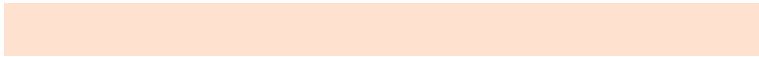
79.6645, 0.3458, 0.3463



79.6645, 0.3396, 0.3559

Triad

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



79.6645, 0.3458, 0.3463



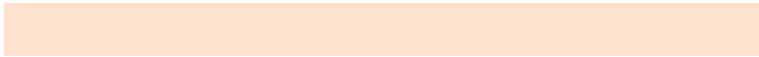
79.6645, 0.2939, 0.3398



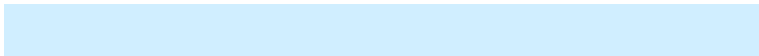
79.6645, 0.2987, 0.3012

Complementary

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



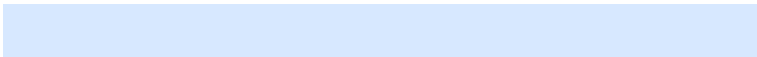
79.6645, 0.3458, 0.3463



81.7454, 0.2839, 0.3110

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.



79.6645, 0.2862, 0.3023



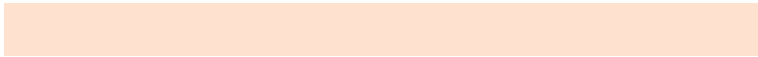
79.6645, 0.3458, 0.3463



79.6645, 0.2835, 0.3242

Square

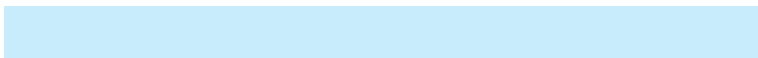
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6645, 0.3458, 0.3463



79.6645, 0.3095, 0.3525



79.6645, 0.2807, 0.3105



79.6645, 0.3153, 0.3070

Rectangle

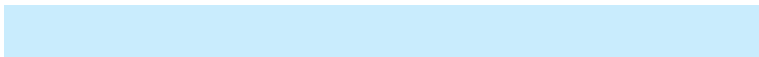
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.6645, 0.3458, 0.3463



79.6645, 0.3313, 0.3585



79.6645, 0.2807, 0.3105



79.6645, 0.2939, 0.3007

Sweetspot

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



79.6656, 0.3458, 0.3463



92.9863, 0.3224, 0.3344



72.5561, 0.3264, 0.2986



19.7445, 0.3235, 0.3350



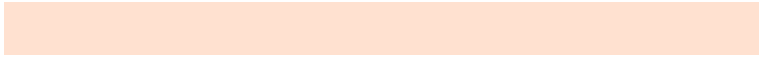
0.0000, 0.0000, 0.0000



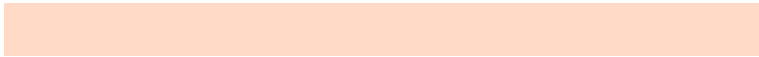
21.4041, 0.3127, 0.3290

Same Dimension

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



79.6656, 0.3458, 0.3463



76.1620, 0.3534, 0.3498



92.9123, 0.3418, 0.3685



19.0646, 0.3285, 0.3377



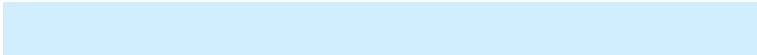
15.4029, 0.5805, 0.3773



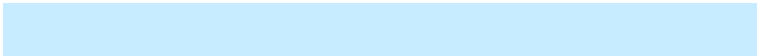
1.6985, 0.5589, 0.3944

Inverse Universe

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



81.7454, 0.2839, 0.3110



78.5763, 0.2783, 0.3072



69.2323, 0.2825, 0.2861



19.3093, 0.2980, 0.3202



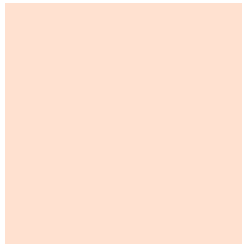
17.6777, 0.1904, 0.2054



1.9289, 0.1948, 0.2211

Previews

White Background



This preview shows how the Yxy color 79.6645, 0.3458, 0.3463 looks on a white background.

Color Contrast Check

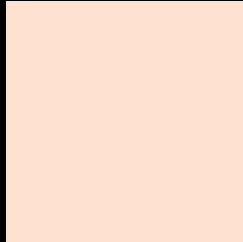
Large Text (above 18pt) WCAG AA × Fail

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 79.6645, 0.3458, 0.3463 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 79.6645, 0.3458, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 79.6645, 0.3458, 0.3463.

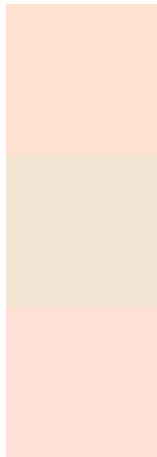


This preview shows how white text looks on a background with the Yxy color 79.6645, 0.3458, 0.3463.

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

79.6645, 0.3458, 0.3463

Protanopia

79.8220, 0.3321, 0.3488

Deuteranopia

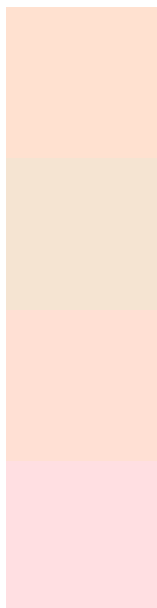
79.4263, 0.3417, 0.3392



Tritanopia

79.6170, 0.3262, 0.3142

Trichromacy



Original Color

79.6645, 0.3458, 0.3463

Protanomaly

79.5524, 0.3366, 0.3476

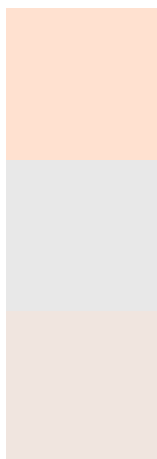
Deuteranomaly

79.3248, 0.3431, 0.3412

Tritanomaly

79.5263, 0.3336, 0.3261

Monochromacy



Original Color

79.6645, 0.3458, 0.3463

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8916, 0.3242, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6645, 0.3458, 0.3463 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 208) }
```

Border

The CSS property to change the border of an element to Yxy 79.6645, 0.3458, 0.3463 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, 208) }
```

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

```
.border{ border-color:rgb(255, 225, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6645, 0.3458, 0.3463 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, 208) }
```

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

```
.background{ background-color: rgb(255,  
225, 208) }
```

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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