

Converting Colors

$Y_{xy}(78.0967, 0.3516, 0.3520)$

Have a look what the booklet for
Yxy(78.0967, 0.3516, 0.3520)
contains.

Yxy(78.2055, 0.3518, 0.3525)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.2055, 0.3518, 0.3525)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFC8
RGB	255, 223, 200
RGB Percent	100%, 87%, 78%
CMY	0.0000, 0.1255, 0.2158
CMYK	0.00, 0.13, 0.22, 0.00
HSL	25°, 100%, 89%
HSV	25°, 22%, 100%
XYZ	78.0502, 78.2055, 65.6039
YIQ	229.9460, 26.4550, -0.3690

Conversions

Conversions Part 2

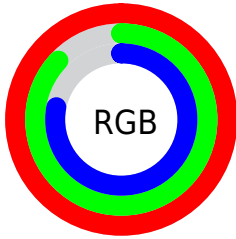
Format	Color
R _Y B	255, 240, 200
Decimal	16768968
CIE Lab	90.87, 7.56, 15.34
CIE LCh	91, 17.103, 63.779
Yxy	78.2055, 0.3518, 0.3525
Android (android.graphics.Color)	4294959048 (0xFFFFDFC8)
YUV	229.9460, -14.7634, 21.9724
Hunter-Lab	88.4339, 2.7817, 17.9200

Details

The Yxy color **78.2055, 0.3518, 0.3525** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1846, 0.2787, 0.3043**, and the grayscale version is **79.1855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0864, 0.3611, 0.3577** is the 20% darker color. If you saturate the color by 10%, you get **69.5364, 0.3745, 0.3641**, and if you desaturate by 10%, it is **87.7732, 0.3321, 0.3413**.

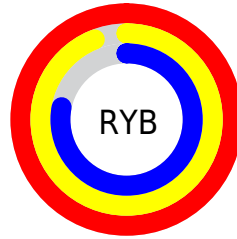
Distribution



Red (100%)

Green (87%)

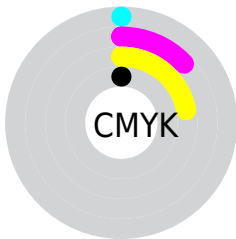
Blue (78%)



Red (100%)

Yellow (94%)

Blue (78%)

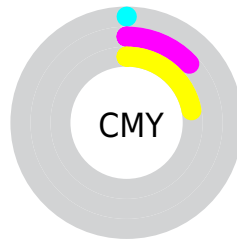


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2055, 0.3518, 0.3525 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 78.2055, 0.3518, 0.3525 by changing the saturation by 10% instead.

 78.2055, 0.3518,
0.3525

 78.2055, 0.3518,
0.3525


488.8644, 0.3338,
0.3420

 58.2428, 0.3559,
0.3548


130.8398, 0.3456,
0.3489

 42.0039, 0.3609,
0.3576


164.2801, 0.3432,
0.3475

 29.1043, 0.3672,
0.3610


202.9819, 0.3411,
0.3463

 19.1598, 0.3754,
0.3654

247.3293, 0.3393,
0.3452

 11.7858, 0.3864,
0.3711

297.7069, 0.3377,
0.3443

 6.5980, 0.4019,
0.3788

354.4990, 0.3362,

 3.2120, 0.4255,

0.3435

0.3894

418.0901, 0.3350,
0.3427

1.2434, 0.4909,
0.4273

0.0967, 0.7408,
0.2592

78.2055, 0.3518,
0.3525

78.2055, 0.3518,
0.3525

69.5364, 0.3745,
0.3641

87.7732, 0.3321,
0.3413

61.7290, 0.4003,
0.3755

98.2563, 0.3152,
0.3306

54.7573, 0.4290,
0.3859

100.0000, 0.3127,
0.3290

48.5902, 0.4600,
0.3944

■ 43.1946, 0.4917,
0.3996

■ 38.5340, 0.5222,
0.4002

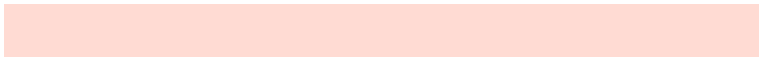
■ 34.5679, 0.5490,
0.3953

■ 31.7266, 0.5676,
0.3875

Harmonies

Analogous

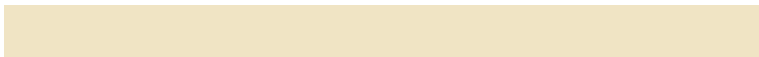
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2055, 0.3506, 0.3367



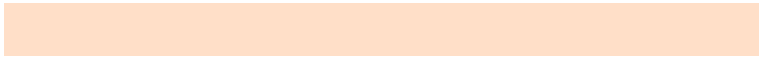
78.2055, 0.3518, 0.3525



78.2055, 0.3422, 0.3627

Triad

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



78.2055, 0.3518, 0.3525



78.2055, 0.2870, 0.3381



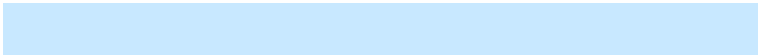
78.2055, 0.2997, 0.2966

Complementary

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



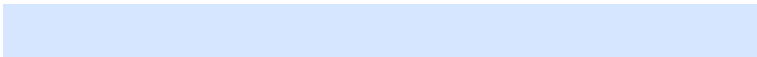
78.2055, 0.3518, 0.3525



77.1846, 0.2787, 0.3043

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.



78.2055, 0.2835, 0.2961



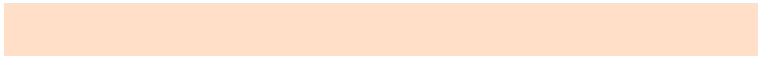
78.2055, 0.3518, 0.3525



78.2055, 0.2763, 0.3193

Square

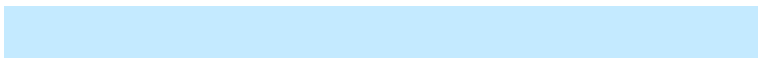
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2055, 0.3518, 0.3525



78.2055, 0.3046, 0.3547



78.2055, 0.2750, 0.3041



78.2055, 0.3200, 0.3052

Rectangle

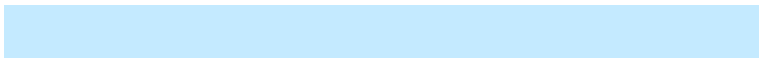
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2055, 0.3518, 0.3525



78.2055, 0.3312, 0.3646



78.2055, 0.2750, 0.3041



78.2055, 0.2936, 0.2955

Sweetspot

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



78.2086, 0.3518, 0.3525



93.5095, 0.3223, 0.3352



68.3835, 0.3319, 0.2968



19.8680, 0.3234, 0.3359



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.



78.2086, 0.3518, 0.3525



74.2684, 0.3614, 0.3576



94.0573, 0.3463, 0.3788



19.2368, 0.3284, 0.3390



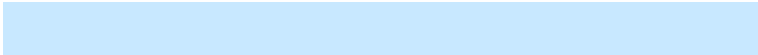
16.8570, 0.5647, 0.3898



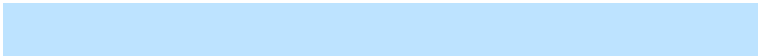
1.8514, 0.5444, 0.4059

Inverse Universe

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



77.1846, 0.2787, 0.3043



73.0706, 0.2717, 0.2985



62.9440, 0.2765, 0.2737



19.1321, 0.2979, 0.3188



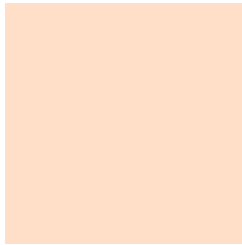
15.1799, 0.1848, 0.1854



1.6941, 0.1898, 0.2033

Previews

White Background



This preview shows how the Yxy color 78.2055, 0.3518, 0.3525 looks on a white background.

Color Contrast Check

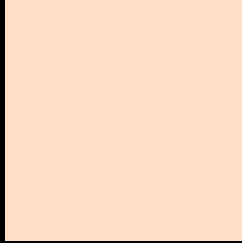
Large Text (above 18pt) WCAG AA × Fail

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 78.2055, 0.3518, 0.3525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

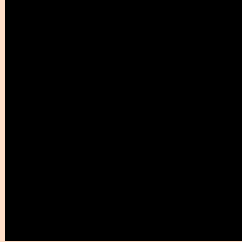
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.2055, 0.3518, 0.3525

Background



This preview shows how black text looks on a background with the Yxy color 78.2055, 0.3518, 0.3525.

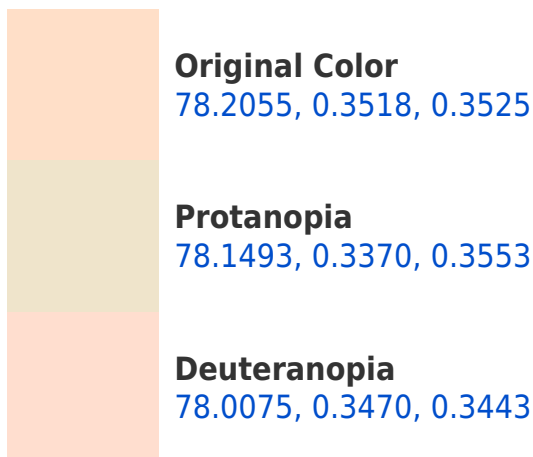


This preview shows how white text looks on a background with the Yxy color 78.2055, 0.3518, 0.3525.

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

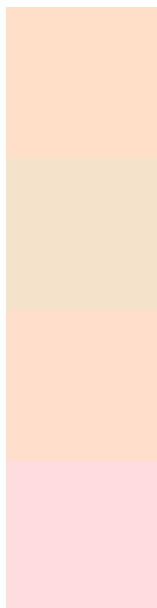




Tritanopia

78.3869, 0.3284, 0.3151

Trichromacy



Original Color

78.2055, 0.3518, 0.3525

Protanomaly

78.0695, 0.3424, 0.3540

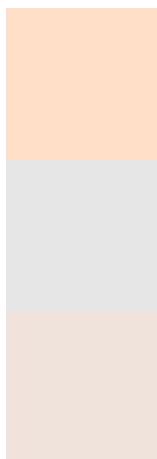
Deuteranomaly

77.8622, 0.3491, 0.3474

Tritanomaly

78.2468, 0.3366, 0.3281

Monochromacy



Original Color

78.2055, 0.3518, 0.3525

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.4034, 0.3264, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2055, 0.3518, 0.3525 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, 223, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 200)  
}
```

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, 223, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 200) }
```

Border

The CSS property to change the border of an element to Yxy 78.2055, 0.3518, 0.3525 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, 223, 200) }
```

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

```
.border{ border-color:rgb(255, 223, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 223, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 223, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 223, 200); box-shadow:4px 4px 4px 4px rgb(255, 223, 200) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 78.2055, 0.3518, 0.3525$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 200) }
```

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

```
.background{ background-color: rgb(255,  
223, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor