

Converting Colors

$Y_{xy}(82.4066, 0.3521, 0.3746)$

Have a look what the booklet for
Yxy(82.4066, 0.3521, 0.3746)
contains.

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Color

Yxy(82.6595, 0.3525, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	F9EABD
RGB	249, 234, 189
RGB Percent	98%, 92%, 74%
CMY	0.0235, 0.0823, 0.2587
CMYK	0.00, 0.06, 0.24, 0.02
HSL	45°, 83%, 86%
HSV	45°, 24%, 98%
XYZ	77.6792, 82.6595, 60.0279
YIQ	233.3550, 23.3850, -10.8150

Conversions

Conversions Part 2

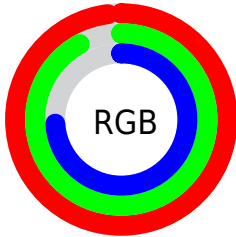
Format	Color
R _Y B	209, 249, 189
Decimal	16378557
CIE Lab	92.87, -1.77, 23.70
CIE LCh	93, 23.771, 94.273
Yxy	82.6595, 0.3525, 0.3751
Android (android.graphics.Color)	4294568637 (0xFFF9EABD)
YUV	233.3550, -21.8670, 13.7207
Hunter-Lab	90.9173, -6.5958, 24.4960

Details

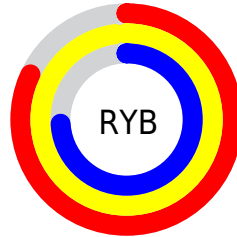
The Yxy color $82.6595, 0.3525, 0.3751$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $60.8701, 0.2729, 0.2782$, and the grayscale version is $81.9263, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3726, 0.3185, 0.3386$, and $44.7965, 0.3618, 0.3856$ is the 20% darker color. If you saturate the color by 10%, you get $78.1877, 0.3709, 0.3948$, and if you desaturate by 10%, it is $87.4491, 0.3351, 0.3555$.

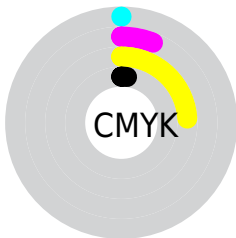
Distribution



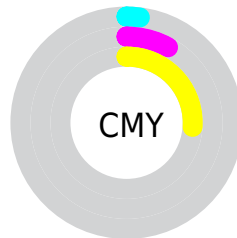
- Red (98%)
- Green (92%)
- Blue (74%)



- Red (82%)
- Yellow (98%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.6595, 0.3525, 0.3751 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 82.6595, 0.3525, 0.3751 by changing the saturation by 10% instead.

 82.6595, 0.3525,
0.3751

 82.6595, 0.3525,
0.3751


503.8510, 0.3346,
0.3543

 61.9093, 0.3564,
0.3797


 137.0985, 0.3464,
0.3680

 44.9594, 0.3612,
0.3854


171.5560, 0.3440,
0.3652

 31.4255, 0.3671,
0.3924


211.3515, 0.3419,
0.3627

 20.9230, 0.3747,
0.4013

256.8692, 0.3401,
0.3606

 13.0678, 0.3844,
0.4131

308.4936, 0.3385,
0.3587

 7.4752, 0.3976,
0.4290

366.6091, 0.3371,

 3.7610, 0.4157,

0.3571

431.6001, 0.3358,
0.3556

0.4516

1.5408, 0.4766,
0.5234

0.3172, 0.4488,
0.5512

82.6595, 0.3525,
0.3751

82.6595, 0.3525,
0.3751

78.1877, 0.3709,
0.3948

87.4491, 0.3351,
0.3555

74.0118, 0.3899,
0.4137

92.5554, 0.3189,
0.3365

70.1240, 0.4088,
0.4311

97.4156, 0.3091,
0.3268

66.5115, 0.4269,
0.4456

98.8803, 0.3090,
0.3290

■ 63.1602, 0.4432,
0.4564

■ 60.0539, 0.4570,
0.4626

■ 57.1729, 0.4677,
0.4638

■ 55.5575, 0.4729,
0.4627

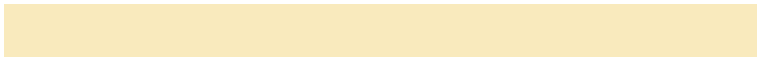
Harmonies

Analogous

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



82.6595, 0.3661, 0.3608



82.6595, 0.3525, 0.3751



82.6595, 0.3285, 0.3769

Triad

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



82.6595, 0.3525, 0.3751



82.6595, 0.2633, 0.3150



82.6595, 0.3229, 0.2972

Complementary

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



82.6595, 0.3525, 0.3751



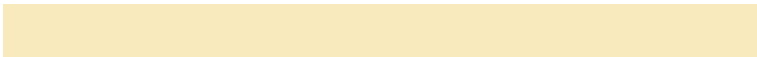
60.8701, 0.2729, 0.2782

Split Complementary

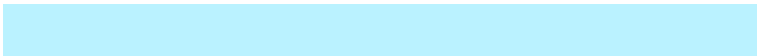
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6595, 0.2953, 0.2856



82.6595, 0.3525, 0.3751



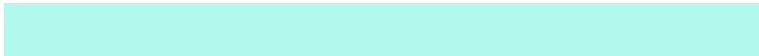
82.6595, 0.2619, 0.2946

Square

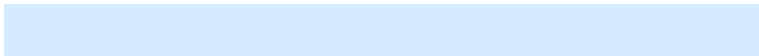
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6595, 0.3525, 0.3751



82.6595, 0.2773, 0.3409



82.6595, 0.2733, 0.2843



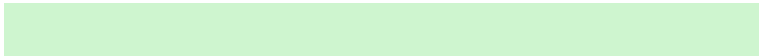
82.6595, 0.3487, 0.3164

Rectangle

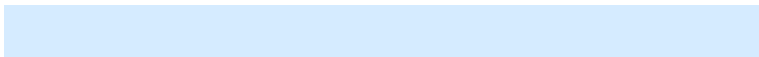
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6595, 0.3525, 0.3751



82.6595, 0.3101, 0.3700



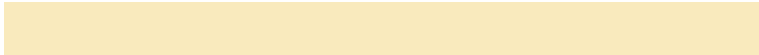
82.6595, 0.2733, 0.2843



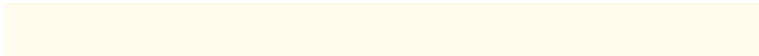
82.6595, 0.3135, 0.2923

Sweetspot

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



82.6632, 0.3525, 0.3751



96.0870, 0.3235, 0.3420



60.9630, 0.3499, 0.3123



20.4961, 0.3245, 0.3431



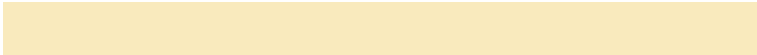
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

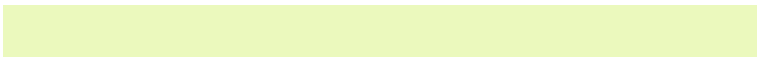
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6632, 0.3525, 0.3751



84.8773, 0.3615, 0.3849



89.0934, 0.3396, 0.3913



19.4121, 0.3275, 0.3467



29.9757, 0.4718, 0.4636



2.9438, 0.4642, 0.4696

Inverse Universe

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



60.8701, 0.2729, 0.2782



58.1504, 0.2638, 0.2660



55.9543, 0.2812, 0.2625



17.3484, 0.2979, 0.3107



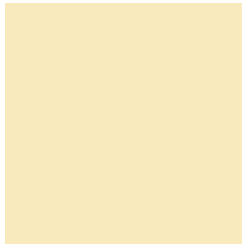
5.7108, 0.1580, 0.0886



0.6896, 0.1641, 0.1106

Previews

White Background



This preview shows how the Yxy color 82.6595, 0.3525, 0.3751 looks on a white background.

Color Contrast Check

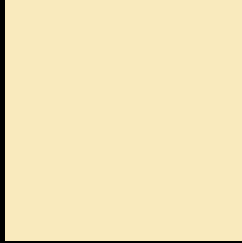
Large Text (above 18pt) WCAG AA × Fail

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 82.6595, 0.3525, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

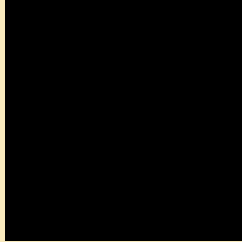
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6595, 0.3525, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 82.6595, 0.3525, 0.3751.

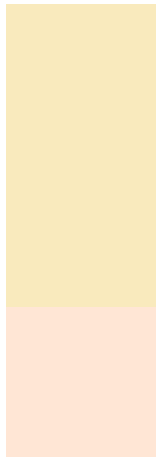


This preview shows how white text looks on a background with the Yxy color 82.6595, 0.3525, 0.3751.

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

82.6595, 0.3525, 0.3751

Protanopia

82.6595, 0.3525, 0.3751

Deuteranopia

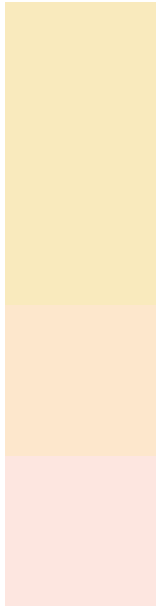
82.6577, 0.3415, 0.3461



Tritanopia

82.7298, 0.3211, 0.3124

Trichromacy



Original Color

82.6595, 0.3525, 0.3751

Protanomaly

82.6595, 0.3525, 0.3751

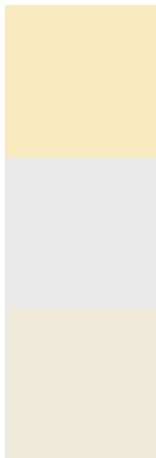
Deuteranomaly

82.3941, 0.3460, 0.3564

Tritanomaly

82.8581, 0.3326, 0.3351

Monochromacy



Original Color

82.6595, 0.3525, 0.3751

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.6383, 0.3271, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6595, 0.3525, 0.3751 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(249, 234, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 189)  
}
```

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(249, 234, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 189) }
```

Border

The CSS property to change the border of an element to Yxy 82.6595, 0.3525, 0.3751 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(249, 234, 189) }
```

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

```
.border{ border-color:rgb(249, 234, 189) }
```

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

Here you see how a box with a 4 pixel rgb(249, 234, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6595, 0.3525, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 189) }
```

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

```
.background{ background-color: rgb(249,  
234, 189) }
```

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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