

Converting Colors

$Yxy(82.2062, 0.3544, 0.3666)$

Have a look what the booklet for
Yxy(82.2062, 0.3544, 0.3666)
contains.

Yxy(82.3069, 0.3542, 0.3665)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(82.3069, 0.3542, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7C2
RGB	255, 231, 194
RGB Percent	100%, 91%, 76%
CMY	0.0001, 0.0941, 0.2393
CMYK	0.00, 0.09, 0.24, 0.00
HSL	36°, 100%, 88%
HSV	36°, 24%, 100%
XYZ	79.5446, 82.3069, 62.7239
YIQ	233.9580, 26.1810, -6.4190

Conversions

Conversions Part 2

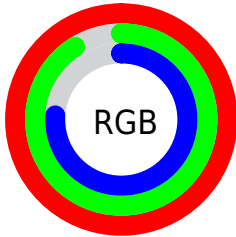
Format	Color
R_{YB}	234, 255, 194
Decimal	16771010
CIE _{Lab}	92.71, 2.61, 21.02
CIE _{LCh}	93, 21.180, 82.922
Yxy	82.3069, 0.3542, 0.3665
Android (android.graphics.Color)	4294961090 (0xFFFFE7C2)
YUV	233.9580, -19.6993, 18.4538
Hunter-Lab	90.7232, -2.2595, 22.5144

Details

The Yxy color **82.3069, 0.3542, 0.3665** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.7985, 0.2739, 0.2884**, and the grayscale version is **82.3824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **44.9499, 0.3638, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **75.8140, 0.3747, 0.3829**, and if you desaturate by 10%, it is **89.3247, 0.3355, 0.3504**.

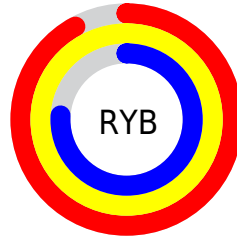
Distribution



Red (100%)

Green (91%)

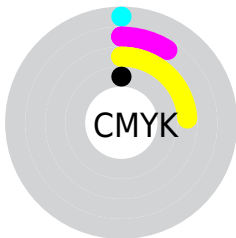
Blue (76%)



Red (92%)

Yellow (100%)

Blue (76%)

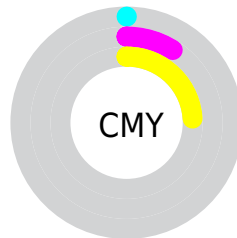


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (9%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.3069, 0.3542, 0.3665 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 82.3069, 0.3542, 0.3665 by changing the saturation by 10% instead.

 82.3069, 0.3542,
0.3665

 82.3069, 0.3542,
0.3665

502.6737, 0.3354,
0.3497

 61.6185, 0.3584,
0.3702


 136.6043, 0.3478,
0.3608

 44.7245, 0.3635,
0.3747


170.9821, 0.3452,
0.3585

 31.2405, 0.3698,
0.3803


210.6919, 0.3431,
0.3566

 20.7821, 0.3780,
0.3873

256.1180, 0.3411,
0.3548

 12.9648, 0.3887,
0.3965

307.6448, 0.3395,
0.3533

 7.4043, 0.4034,
0.4090

365.6568, 0.3380,

 3.7162, 0.4245,

0.3520

0.4263

430.5383, 0.3366,
0.3508

1.5161, 0.4928,
0.4870

0.3000, 0.5376,
0.4624

82.3069, 0.3542,
0.3665

82.3069, 0.3542,
0.3665

75.8140, 0.3747,
0.3829

89.3247, 0.3355,
0.3504

69.8193, 0.3968,
0.3988

96.8706, 0.3188,
0.3348

64.3104, 0.4200,
0.4133

99.9949, 0.3127,
0.3290

59.2695, 0.4433,
0.4253

■ 54.6773, 0.4658,
0.4336

■ 50.5121, 0.4861,
0.4370

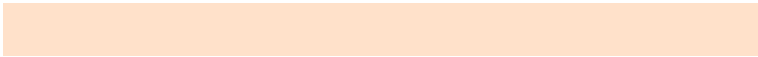
■ 46.7486, 0.5030,
0.4351

■ 44.6371, 0.5119,
0.4318

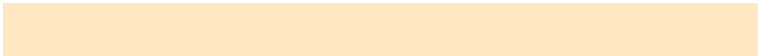
Harmonies

Analogous

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



82.3069, 0.3615, 0.3508



82.3069, 0.3542, 0.3665



82.3069, 0.3357, 0.3726

Triad

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



82.3069, 0.3542, 0.3665



82.3069, 0.2720, 0.3251



82.3069, 0.3124, 0.2955

Complementary

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



82.3069, 0.3542, 0.3665



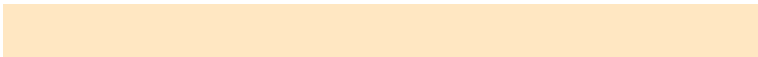
68.7985, 0.2739, 0.2884

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.



82.3069, 0.2889, 0.2884



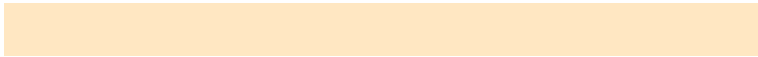
82.3069, 0.3542, 0.3665



82.3069, 0.2663, 0.3044

Square

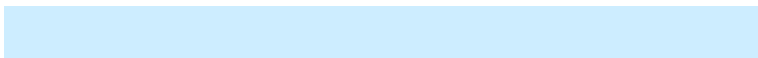
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.3069, 0.3542, 0.3665



82.3069, 0.2884, 0.3482



82.3069, 0.2723, 0.2913



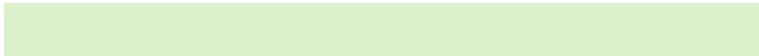
82.3069, 0.3368, 0.3106

Rectangle

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



82.3069, 0.3542, 0.3665



82.3069, 0.3198, 0.3696



82.3069, 0.2723, 0.2913



82.3069, 0.3041, 0.2921

Sweetspot

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



82.3106, 0.3542, 0.3665



94.5109, 0.3237, 0.3395



64.9141, 0.3431, 0.3042



20.1306, 0.3247, 0.3405



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.



82.3106, 0.3542, 0.3665



78.9648, 0.3644, 0.3748



95.5139, 0.3449, 0.3898



19.8227, 0.3279, 0.3434



23.6286, 0.5099, 0.4333



2.5136, 0.4968, 0.4437

Inverse Universe

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



68.7985, 0.2739, 0.2884



63.1914, 0.2651, 0.2784



58.0866, 0.2758, 0.2618



18.5482, 0.2979, 0.3142



8.8216, 0.1677, 0.1238



1.0644, 0.1739, 0.1461

Previews

White Background



This preview shows how the Yxy color 82.3069, 0.3542, 0.3665 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 82.3069, 0.3542, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

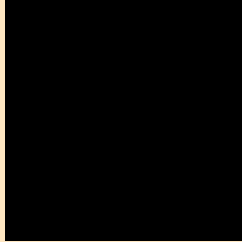
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.3069, 0.3542, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 82.3069, 0.3542, 0.3665.



This preview shows how white text looks on a background with the Yxy color 82.3069, 0.3542, 0.3665.

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

82.3069, 0.3542, 0.3665

Protanopia

82.5599, 0.3471, 0.3691

Deuteranopia

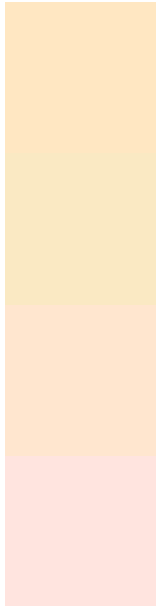
82.1537, 0.3409, 0.3441



Tritanopia

82.4894, 0.3237, 0.3162

Trichromacy



Original Color

82.3069, 0.3542, 0.3665

Protanomaly

82.5420, 0.3495, 0.3679

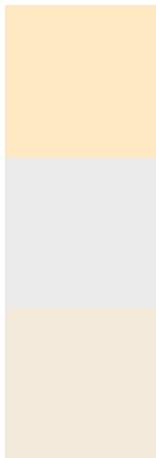
Deuteranomaly

82.3586, 0.3456, 0.3522

Tritanomaly

82.0745, 0.3350, 0.3341

Monochromacy



Original Color

82.3069, 0.3542, 0.3665

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.2695, 0.3278, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.3069, 0.3542, 0.3665 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, 231, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 194)  
}
```

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, 231, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 194) }
```

Border

The CSS property to change the border of an element to Yxy 82.3069, 0.3542, 0.3665 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, 231, 194) }
```

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

```
.border{ border-color:rgb(255, 231, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 231, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 82.3069, 0.3542, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 194) }
```

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

```
.background{ background-color: rgb(255,  
231, 194) }
```

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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