

Converting Colors

$Y_{xy}(79.3362, 0.3462, 0.3600)$

Have a look what the booklet for
Yxy(79.3362, 0.3462, 0.3600)
contains.

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Color

Yxy(79.3382, 0.3462, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	F7E4C6
RGB	247, 228, 198
RGB Percent	97%, 89%, 78%
CMY	0.0316, 0.1058, 0.2236
CMYK	0.00, 0.08, 0.20, 0.03
HSL	37°, 75%, 87%
HSV	37°, 20%, 97%
XYZ	76.2757, 79.3382, 64.7088
YIQ	230.2610, 20.9540, -5.3020

Conversions

Conversions Part 2

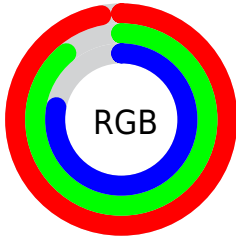
Format	Color
R _Y B	229, 247, 198
Decimal	16245958
CIE Lab	91.39, 1.77, 17.00
CIE LCh	91, 17.091, 84.064
Yxy	79.3382, 0.3462, 0.3601
Android (android.graphics.Color)	4294436038 (0xFF7E4C6)
YUV	230.2610, -15.9047, 14.6801
Hunter-Lab	89.0720, -3.0197, 19.2776

Details

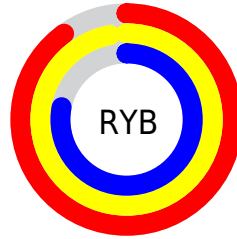
The Yxy color **79.3382, 0.3462, 0.3601** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.2846, 0.2809, 0.2958**, and the grayscale version is **79.4384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8479, 0.3536, 0.3677** is the 20% darker color. If you saturate the color by 10%, you get **73.1889, 0.3659, 0.3766**, and if you desaturate by 10%, it is **85.9699, 0.3284, 0.3440**.

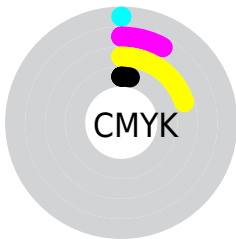
Distribution



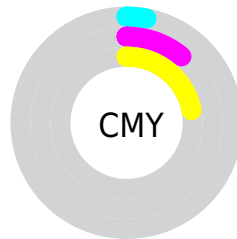
- Red (97%)
- Green (89%)
- Blue (78%)



- Red (90%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (20%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3382, 0.3462, 0.3601 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 79.3382, 0.3462, 0.3601 by changing the saturation by 10% instead.


 79.3382, 0.3462,
0.3601

 79.3382, 0.3462,
0.3601


492.6997, 0.3309,
0.3460

 59.1739, 0.3496,
0.3632

132.4349, 0.3409,
0.3553

 42.7531, 0.3538,
0.3671


166.1360, 0.3389,
0.3534

 29.6915, 0.3591,
0.3719


205.1183, 0.3371,
0.3517

 19.6045, 0.3659,
0.3780

249.7661, 0.3356,
0.3503

 12.1079, 0.3750,
0.3862

300.4637, 0.3342,
0.3490

 6.8172, 0.3876,
0.3974

357.5956, 0.3330,

 3.3480, 0.4064,

0.3479

0.4138

421.5461, 0.3319,
0.3469

■ 1.3160, 0.4658,
0.4687

■ 0.1536, 0.5519,
0.4481

■ 79.3382, 0.3462,
0.3601

■ 79.3382, 0.3462,
0.3601

■ 73.1889, 0.3659,
0.3766

■ 85.9699, 0.3284,
0.3440

■ 67.4978, 0.3872,
0.3929

■ 93.0862, 0.3125,
0.3287

■ 62.2539, 0.4097,
0.4082

■ 98.5026, 0.3078,
0.3290

■ 57.4417, 0.4329,
0.4216

■ 53.0442, 0.4556,
0.4317

■ 49.0428, 0.4766,
0.4374

■ 45.4160, 0.4947,
0.4379

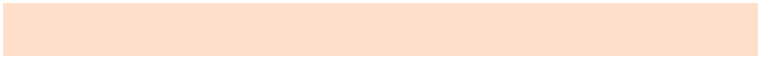
■ 42.1318, 0.5095,
0.4335

■ 42.0765, 0.5098,
0.4334

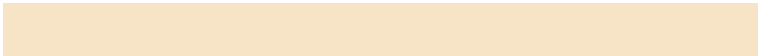
Harmonies

Analogous

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



79.3382, 0.3524, 0.3477



79.3382, 0.3462, 0.3601



79.3382, 0.3309, 0.3644

Triad

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



79.3382, 0.3462, 0.3601



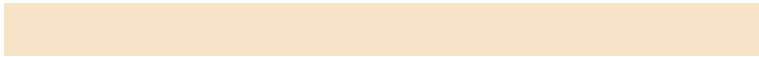
79.3382, 0.2790, 0.3253



79.3382, 0.3133, 0.3018

Complementary

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



79.3382, 0.3462, 0.3601



68.2846, 0.2809, 0.2958

Split Complementary

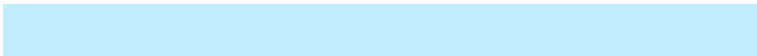
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3382, 0.2939, 0.2957



79.3382, 0.3462, 0.3601



79.3382, 0.2746, 0.3085

Square

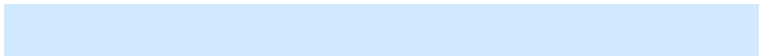
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3382, 0.3462, 0.3601



79.3382, 0.2922, 0.3439



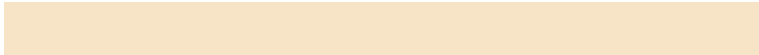
79.3382, 0.2799, 0.2979



79.3382, 0.3331, 0.3145

Rectangle

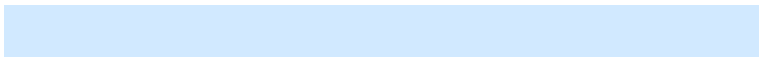
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3382, 0.3462, 0.3601



79.3382, 0.3179, 0.3616



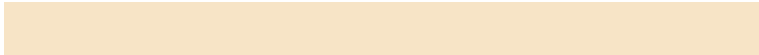
79.3382, 0.2799, 0.2979



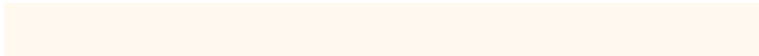
79.3382, 0.3065, 0.2989

Sweetspot

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



79.3418, 0.3462, 0.3601



95.3408, 0.3221, 0.3381



65.1825, 0.3368, 0.3087



20.3008, 0.3232, 0.3391



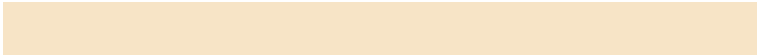
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.3418, 0.3462, 0.3601



82.5009, 0.3543, 0.3670



89.4435, 0.3393, 0.3790



18.1760, 0.3278, 0.3435



22.5494, 0.5079, 0.4349



2.1807, 0.4938, 0.4461

Inverse Universe

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



68.2846, 0.2809, 0.2958



68.5146, 0.2737, 0.2878



59.7717, 0.2830, 0.2747



16.9762, 0.2980, 0.3141



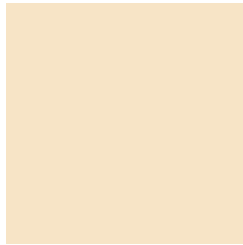
8.1731, 0.1673, 0.1222



0.9112, 0.1742, 0.1470

Previews

White Background



This preview shows how the Yxy color 79.3382, 0.3462, 0.3601 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 79.3382, 0.3462, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

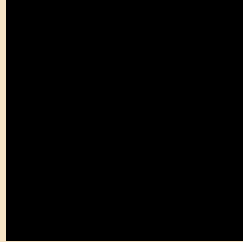
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3382, 0.3462, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 79.3382, 0.3462, 0.3601.

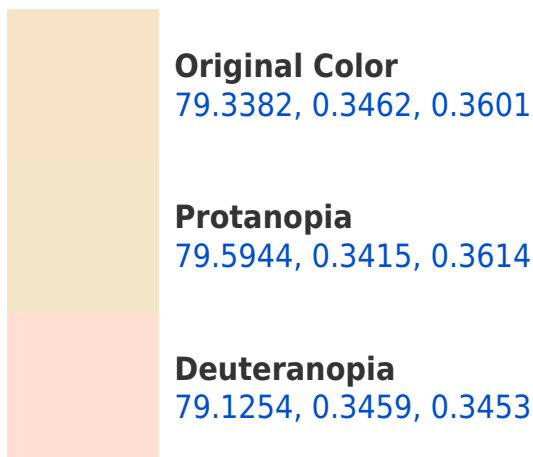


This preview shows how white text looks on a background with the Yxy color 79.3382, 0.3462, 0.3601.

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

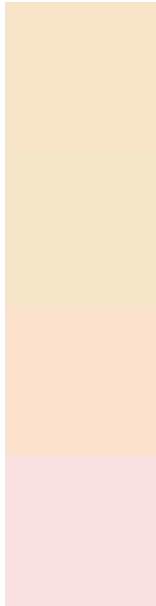




Tritanopia

79.1700, 0.3227, 0.3121

Trichromacy



Original Color

79.3382, 0.3462, 0.3601

Protanomaly

79.3952, 0.3432, 0.3602

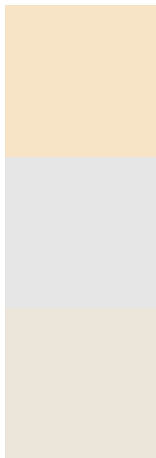
Deuteranomaly

78.9055, 0.3463, 0.3505

Tritanomaly

79.0171, 0.3312, 0.3291

Monochromacy



Original Color

79.3382, 0.3462, 0.3601

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.9334, 0.3247, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3382, 0.3462, 0.3601 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(247, 228, 198)` looks like.

```
.text, #text, p{  
  color:rgb(247, 228, 198)  
}
```

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(247, 228, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 198) }
```

Border

The CSS property to change the border of an element to Yxy 79.3382, 0.3462, 0.3601 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(247, 228, 198) }
```

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

```
.border{ border-color:rgb(247, 228, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 228, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 198);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3382, 0.3462, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 198) }
```

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

```
.background{ background-color: rgb(247,  
228, 198) }
```

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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