

Converting Colors

$Yxy(77.5206, 0.3556, 0.3800)$

Have a look what the booklet for
Yxy(77.5206, 0.3556, 0.3800)
contains.

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Color

Yxy(77.6187, 0.3555, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	F2E4B3
RGB	242, 228, 179
RGB Percent	95%, 89%, 70%
CMY	0.0510, 0.1059, 0.2980
CMYK	0.00, 0.06, 0.26, 0.05
HSL	47°, 71%, 83%
HSV	47°, 26%, 95%
XYZ	72.4999, 77.6187, 53.8192
YIQ	226.6000, 24.0730, -12.2710

Conversions

Conversions Part 2

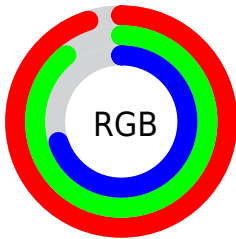
Format	Color
RYB	197, 242, 179
Decimal	15918259
CIELab	90.61, -2.66, 25.67
CIElCh	91, 25.807, 95.919
Yxy	77.6187, 0.3555, 0.3806
Android (android.graphics.Color)	4294108339 (0xFFFF2E4B3)
YUV	226.6000, -23.4668, 13.5058
Hunter-Lab	88.1015, -7.2876, 25.4521

Details

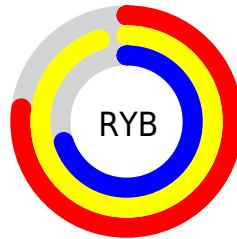
The Yxy color **77.6187, 0.3555, 0.3806** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.1455, 0.2692, 0.2714**, and the grayscale version is **76.6739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **41.7078, 0.3647, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **73.8137, 0.3736, 0.4008**, and if you desaturate by 10%, it is **81.6946, 0.3382, 0.3603**.

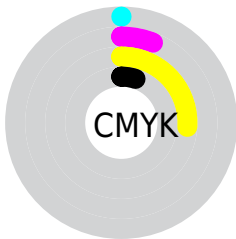
Distribution



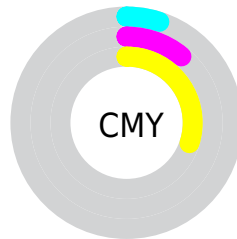
- Red (95%)
- Green (89%)
- Blue (70%)



- Red (77%)
- Yellow (95%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (26%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.6187, 0.3555, 0.3806 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 77.6187, 0.3555, 0.3806 by changing the saturation by 10% instead.

77.6187, 0.3555,
0.3806

77.6187, 0.3555,
0.3806

486.8709, 0.3361,
0.3570

57.7608, 0.3598,
0.3859

130.0125, 0.3489,
0.3725

41.6164, 0.3650,
0.3924

163.3171, 0.3463,
0.3693

28.8010, 0.3715,
0.4005

201.8728, 0.3440,
0.3665

18.9304, 0.3797,
0.4108

246.0640, 0.3420,
0.3641

11.6200, 0.3904,
0.4245

296.2750, 0.3403,
0.3620

6.4855, 0.4047,
0.4432

352.8902, 0.3387,

3.1425, 0.4255,

0.3602

0.4711

416.2941, 0.3374,
0.3585

■ 1.2066, 0.4697,
0.5303

■ 0.0670, 0.0000,
1.0000

■ 77.6187, 0.3555,
0.3806

■ 77.6187, 0.3555,
0.3806

■ 73.8137, 0.3736,
0.4008

■ 81.6946, 0.3382,
0.3603

■ 70.2593, 0.3920,
0.4200

■ 86.0401, 0.3219,
0.3405

■ 66.9484, 0.4100,
0.4374

■ 90.6672, 0.3069,
0.3216

■ 63.8693, 0.4268,
0.4517

■ 94.1694, 0.3048,
0.3236

■ 61.0088, 0.4416,
0.4621

■ 97.5513, 0.3048,
0.3289

■ 58.3518, 0.4537,
0.4679

■ 97.6175, 0.3048,
0.3290

■ 55.8797, 0.4628,
0.4688

■ 54.9368, 0.4658,
0.4683

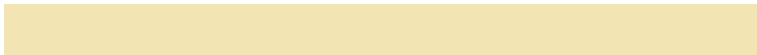
Harmonies

Analogous

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



77.6187, 0.3714, 0.3651



77.6187, 0.3555, 0.3806



77.6187, 0.3284, 0.3820

Triad

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



77.6187, 0.3555, 0.3806



77.6187, 0.2577, 0.3118



77.6187, 0.3256, 0.2949

Complementary

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



77.6187, 0.3555, 0.3806



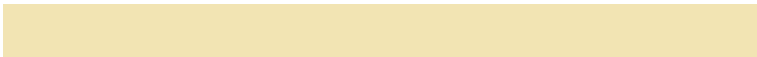
54.1455, 0.2692, 0.2714

Split Complementary

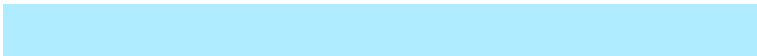
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6187, 0.2949, 0.2816



77.6187, 0.3555, 0.3806



77.6187, 0.2570, 0.2898

Square

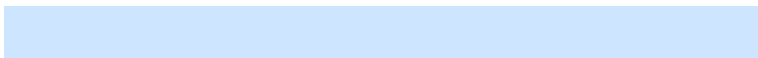
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6187, 0.3555, 0.3806



77.6187, 0.2724, 0.3405



77.6187, 0.2702, 0.2794



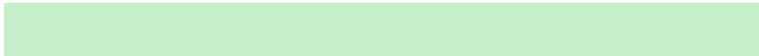
77.6187, 0.3539, 0.3164

Rectangle

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



77.6187, 0.3555, 0.3806



77.6187, 0.3080, 0.3738



77.6187, 0.2702, 0.2794



77.6187, 0.3152, 0.2894

Sweetspot

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



77.6222, 0.3555, 0.3806



95.8964, 0.3251, 0.3444



55.0088, 0.3555, 0.3132



20.3655, 0.3275, 0.3474



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.



77.6222, 0.3555, 0.3806



85.2111, 0.3646, 0.3909



82.8014, 0.3402, 0.3967



17.8282, 0.3274, 0.3473



29.7246, 0.4649, 0.4690



2.6177, 0.4577, 0.4748

Inverse Universe

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



54.1455, 0.2692, 0.2714



54.8139, 0.2598, 0.2583



50.3710, 0.2798, 0.2569



15.7984, 0.2980, 0.3101



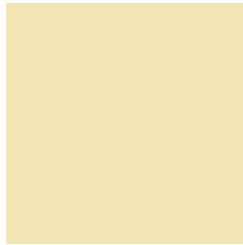
5.0163, 0.1566, 0.0836



0.5609, 0.1631, 0.1072

Previews

White Background



This preview shows how the Yxy color 77.6187, 0.3555, 0.3806 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 77.6187, 0.3555, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

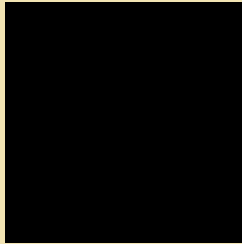
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

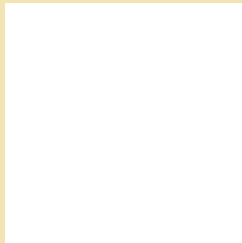
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.6187, 0.3555, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 77.6187, 0.3555, 0.3806.

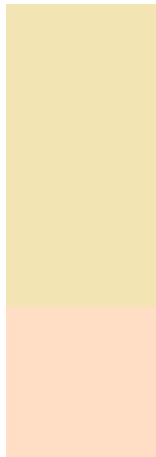


This preview shows how white text looks on a background with the Yxy color 77.6187, 0.3555, 0.3806.

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

77.6187, 0.3555, 0.3806

Protanopia

77.7962, 0.3563, 0.3805

Deuteranopia

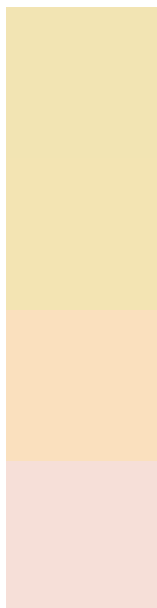
77.5338, 0.3541, 0.3546



Tritanopia

77.4406, 0.3221, 0.3120

Trichromacy



Original Color

77.6187, 0.3555, 0.3806

Protanomaly

77.7962, 0.3563, 0.3805

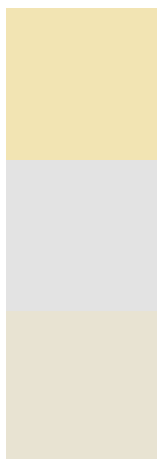
Deuteranomaly

77.3530, 0.3549, 0.3642

Tritanomaly

77.3261, 0.3339, 0.3363

Monochromacy



Original Color

77.6187, 0.3555, 0.3806

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.7471, 0.3274, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6187, 0.3555, 0.3806 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(242, 228, 179)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 179)  
}
```

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(242, 228, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 179) }
```

Border

The CSS property to change the border of an element to Yxy 77.6187, 0.3555, 0.3806 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(242, 228, 179) }
```

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

```
.border{ border-color:rgb(242, 228, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 228, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 228, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 228, 179); box-shadow:4px 4px 4px 4px rgb(242, 228, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 77.6187, 0.3555, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 179) }
```

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

```
.background{ background-color: rgb(242,  
228, 179) }
```

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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