

Converting Colors

$Yxy(78.6071, 0.3516, 0.3698)$

Have a look what the booklet for
Yxy(78.6071, 0.3516, 0.3698)
contains.

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Color

Yxy(78.7538, 0.3517, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	F6E4BD
RGB	246, 228, 189
RGB Percent	96%, 89%, 74%
CMY	0.0352, 0.1059, 0.2589
CMYK	0.00, 0.07, 0.23, 0.04
HSL	41°, 76%, 85%
HSV	41°, 23%, 96%
XYZ	74.9397, 78.7538, 59.3850
YIQ	228.9360, 23.2470, -8.3130

Conversions

Conversions Part 2

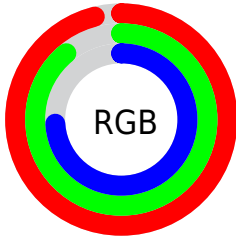
Format	Color
R _Y B	215, 246, 189
Decimal	16180413
CIE Lab	91.12, 0.18, 21.29
CIE LCh	91, 21.289, 89.521
Yxy	78.7538, 0.3517, 0.3696
Android (android.graphics.Color)	4294370493 (0xFFFF6E4BD)
YUV	228.9360, -19.6884, 14.9651
Hunter-Lab	88.7433, -4.5657, 22.4449

Details

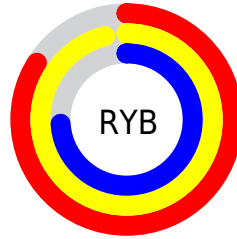
The Yxy color **78.7538, 0.3517, 0.3696** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.1025, 0.2748, 0.2848**, and the grayscale version is **78.4432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **42.4835, 0.3598, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **73.5960, 0.3709, 0.3878**, and if you desaturate by 10%, it is **84.2923, 0.3339, 0.3516**.

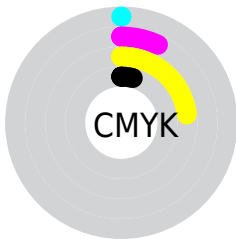
Distribution



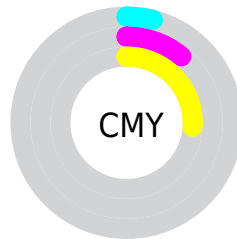
- Red (96%)
- Green (89%)
- Blue (74%)



- Red (84%)
- Yellow (96%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7538, 0.3517, 0.3696 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 78.7538, 0.3517, 0.3696 by changing the saturation by 10% instead.


 78.7538, 0.3517,
0.3696

 78.7538, 0.3517,
0.3696


490.7231, 0.3340,
0.3511

 58.6934, 0.3557,
0.3737


 131.6122, 0.3456,
0.3633

 42.3664, 0.3605,
0.3788


165.1790, 0.3432,
0.3608

 29.3883, 0.3666,
0.3850


204.0167, 0.3412,
0.3586

 19.3747, 0.3743,
0.3931

248.5098, 0.3394,
0.3568

 11.9414, 0.3846,
0.4037

299.0425, 0.3378,
0.3551

 6.7038, 0.3986,
0.4183


355.9994, 0.3364,


 3.2775, 0.4188,


0.3536


0.4391


419.7648, 0.3351,
0.3523

 1.2783, 0.4884,
0.5116


 0.1243, 0.4963,
0.5037


 78.7538, 0.3517,
0.3696

 78.7538, 0.3517,
0.3696


 73.5960, 0.3709,
0.3878


 84.2923, 0.3339,
0.3516

 68.7966, 0.3912,
0.4054

 90.2119, 0.3176,
0.3343

 64.3467, 0.4120,
0.4217

 96.0143, 0.3073,
0.3254

 60.2327, 0.4325,
0.4354

 98.3374, 0.3072,
0.3290

■ 56.4397, 0.4517,
0.4455

■ 52.9507, 0.4685,
0.4510

■ 49.7457, 0.4823,
0.4513

■ 47.7054, 0.4901,
0.4490

Harmonies

Analogous

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



78.7538, 0.3620, 0.3553



78.7538, 0.3517, 0.3696



78.7538, 0.3310, 0.3731

Triad

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



78.7538, 0.3517, 0.3696



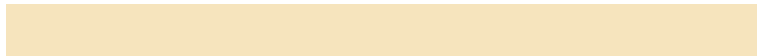
78.7538, 0.2689, 0.3199



78.7538, 0.3180, 0.2977

Complementary

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



78.7538, 0.3517, 0.3696



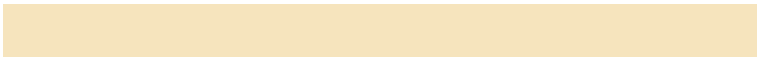
62.1025, 0.2748, 0.2848

Split Complementary

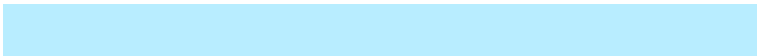
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7538, 0.2932, 0.2884



78.7538, 0.3517, 0.3696



78.7538, 0.2657, 0.3001

Square

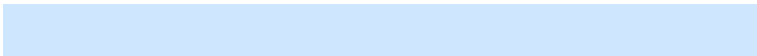
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7538, 0.3517, 0.3696



78.7538, 0.2834, 0.3436



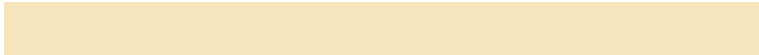
78.7538, 0.2744, 0.2890



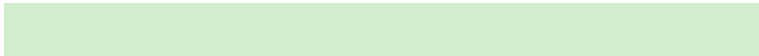
78.7538, 0.3422, 0.3145

Rectangle

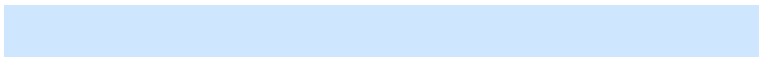
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7538, 0.3517, 0.3696



78.7538, 0.3144, 0.3682



78.7538, 0.2744, 0.2890



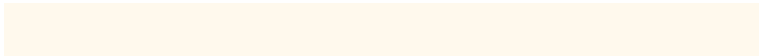
78.7538, 0.3095, 0.2936

Sweetspot

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



78.7573, 0.3517, 0.3696



95.3568, 0.3236, 0.3409



60.4929, 0.3458, 0.3100



20.3267, 0.3246, 0.3419



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.



78.7573, 0.3517, 0.3696



82.6632, 0.3609, 0.3785



87.3594, 0.3406, 0.3884



18.3786, 0.3276, 0.3451



25.7204, 0.4887, 0.4502



2.4445, 0.4778, 0.4588

Inverse Universe

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



62.1025, 0.2748, 0.2848



61.5824, 0.2662, 0.2740



55.2461, 0.2805, 0.2649



16.7813, 0.2980, 0.3123



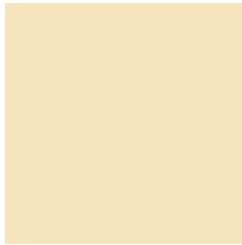
6.6616, 0.1621, 0.1035



0.7623, 0.1689, 0.1281

Previews

White Background



This preview shows how the Yxy color 78.7538, 0.3517, 0.3696 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 78.7538, 0.3517, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

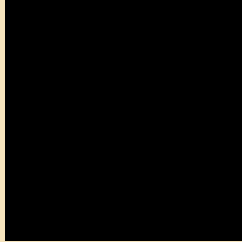
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

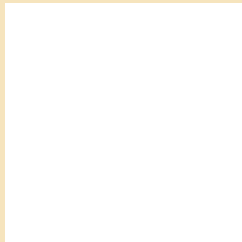
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7538, 0.3517, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 78.7538, 0.3517, 0.3696.



This preview shows how white text looks on a background with the Yxy color 78.7538, 0.3517, 0.3696.

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

78.7538, 0.3517, 0.3696

Protanopia

78.8110, 0.3485, 0.3698

Deuteranopia

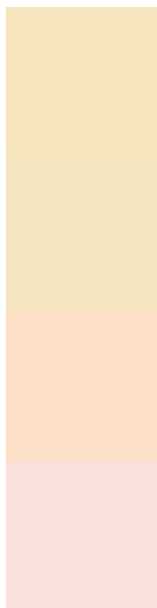
78.9309, 0.3488, 0.3494



Tritanopia

78.5814, 0.3234, 0.3121

Trichromacy



Original Color

78.7538, 0.3517, 0.3696

Protanomaly

78.9894, 0.3493, 0.3697

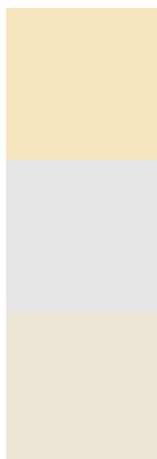
Deuteranomaly

78.6694, 0.3498, 0.3557

Tritanomaly

78.8026, 0.3339, 0.3331

Monochromacy



Original Color

78.7538, 0.3517, 0.3696

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.5558, 0.3266, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7538, 0.3517, 0.3696 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(246, 228, 189)` looks like.

```
.text, #text, p{  
    color:rgb(246, 228, 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(246, 228, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 228, 189) }
```

Border

The CSS property to change the border of an element to Yxy 78.7538, 0.3517, 0.3696 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(246, 228, 189) }
```

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

```
.border{ border-color:rgb(246, 228, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 228, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 228, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 228, 189);  
box-shadow:4px 4px 4px 4px rgb(246, 228,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7538, 0.3517, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 228, 189) }
```

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

```
.background{ background-color: rgb(246,  
228, 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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