

Converting Colors

$Y_{xy}(78.1554, 0.3286, 0.3373)$

Have a look what the booklet for
Yxy(78.1554, 0.3286, 0.3373)
contains.

Yxy(78.1554, 0.3286, 0.3373)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.1554, 0.3286, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	F1E2DA
RGB	241, 226, 218
RGB Percent	95%, 89%, 85%
CMY	0.0547, 0.1138, 0.1450
CMYK	0.00, 0.06, 0.10, 0.05
HSL	21°, 45%, 90%
HSV	21°, 10%, 95%
XYZ	76.1395, 78.1554, 77.4139
YIQ	229.5730, 11.5080, 0.6920

Conversions

Conversions Part 2

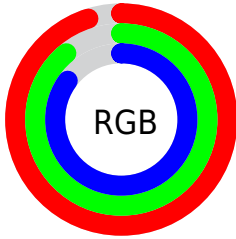
Format	Color
R _Y B	241, 230, 218
Decimal	15852250
CIE Lab	90.85, 3.80, 5.72
CIE LCh	91, 6.869, 56.388
Yxy	78.1554, 0.3286, 0.3373
Android (android.graphics.Color)	4294042330 (0xFF F1E2DA)
YUV	229.5730, -5.7055, 10.0215
Hunter-Lab	88.4055, -0.9761, 9.9655

Details

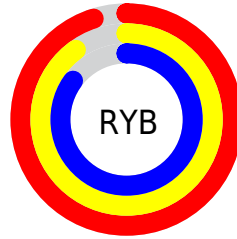
The Yxy color $78.1554, 0.3286, 0.3373$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79.5808, 0.2979, 0.3206$, and the grayscale version is $78.8417, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.0845, 0.3325, 0.3398$ is the 20% darker color. If you saturate the color by 10%, you get $68.8070, 0.3481, 0.3465$, and if you desaturate by 10%, it is $88.4820, 0.3120, 0.3286$.

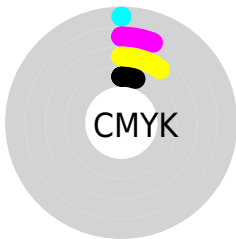
Distribution



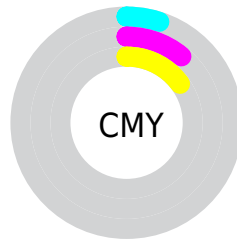
- Red (95%)
- Green (89%)
- Blue (85%)



- Red (95%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (5%)





- Cyan (5%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1554, 0.3286, 0.3373 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 78.1554, 0.3286, 0.3373 by changing the saturation by 10% instead.

 78.1554, 0.3286,
0.3373

 78.1554, 0.3286,
0.3373


488.6944, 0.3213,
0.3336

 58.2016, 0.3303,
0.3381


130.7692, 0.3261,
0.3360

 41.9708, 0.3323,
0.3392


164.1980, 0.3251,
0.3355

 29.0784, 0.3348,
0.3404


202.8872, 0.3243,
0.3351

 19.1401, 0.3382,
0.3421

247.2214, 0.3235,
0.3347

 11.7716, 0.3427,
0.3443

297.5847, 0.3229,
0.3344

 6.5883, 0.3492,
0.3474

354.3618, 0.3223,

 3.2060, 0.3592,

0.3341

417.9369, 0.3218,
0.3338

0.3520

1.2402, 0.3768,
0.3598

0.0942, 0.6594,
0.3406

78.1554, 0.3286,
0.3373

78.1554, 0.3286,
0.3373

68.8070, 0.3481,
0.3465

88.4820, 0.3120,
0.3286

60.3974, 0.3710,
0.3561

97.4485, 0.3042,
0.3290

52.8996, 0.3976,
0.3657

46.2814, 0.4278,
0.3745

■ 40.5085, 0.4612,
0.3817

■ 35.5442, 0.4963,
0.3861

■ 31.3486, 0.5308,
0.3864

■ 27.8776, 0.5615,
0.3817

■ 25.0757, 0.5862,
0.3723

Harmonies

Analogous

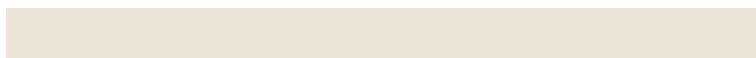
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1554, 0.3270, 0.3306



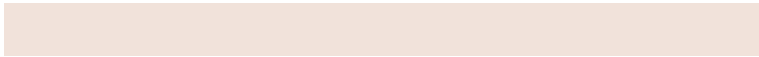
78.1554, 0.3286, 0.3373



78.1554, 0.3259, 0.3419

Triad

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



78.1554, 0.3286, 0.3373



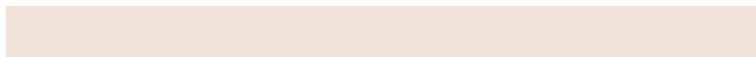
78.1554, 0.3039, 0.3345



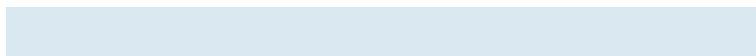
78.1554, 0.3057, 0.3153

Complementary

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



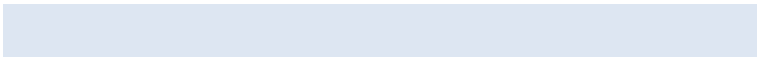
78.1554, 0.3286, 0.3373



79.5808, 0.2979, 0.3206

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.



78.1554, 0.2997, 0.3162



78.1554, 0.3286, 0.3373



78.1554, 0.2986, 0.3271

Square

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



78.1554, 0.3286, 0.3373



78.1554, 0.3116, 0.3403



78.1554, 0.2971, 0.3205



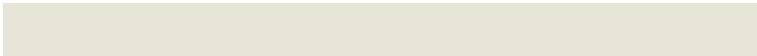
78.1554, 0.3137, 0.3181

Rectangle

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



78.1554, 0.3286, 0.3373



78.1554, 0.3220, 0.3431



78.1554, 0.2971, 0.3205



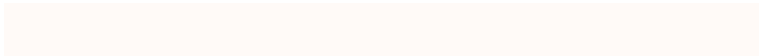
78.1554, 0.3034, 0.3152

Sweetspot

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



78.1588, 0.3286, 0.3373



96.3673, 0.3175, 0.3316



74.7654, 0.3190, 0.3132



20.4224, 0.3188, 0.3322



0.0000, 0.0000, 0.0000



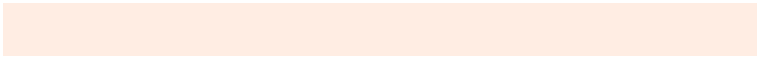
21.4041, 0.3127, 0.3290

Same Dimension

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



78.1588, 0.3286, 0.3373



87.1755, 0.3313, 0.3386



84.4595, 0.3274, 0.3487



16.6537, 0.3285, 0.3372



13.7587, 0.5843, 0.3743



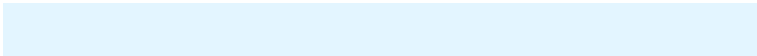
1.3238, 0.5590, 0.3943

Inverse Universe

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



79.5808, 0.2979, 0.3206



89.0226, 0.2956, 0.3192



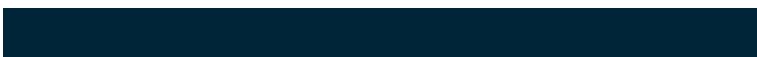
73.4281, 0.2978, 0.3085



16.9540, 0.2980, 0.3206



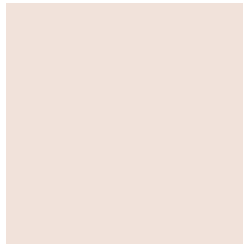
16.8858, 0.1921, 0.2116



1.5897, 0.1969, 0.2288

Previews

White Background



This preview shows how the Yxy color 78.1554, 0.3286, 0.3373 looks on a white background.

Color Contrast Check

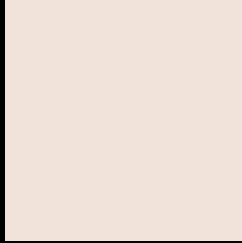
Large Text (above 18pt) WCAG AA × Fail

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 78.1554, 0.3286, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

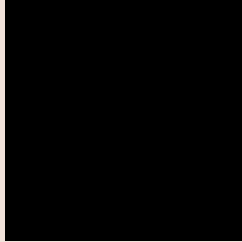
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

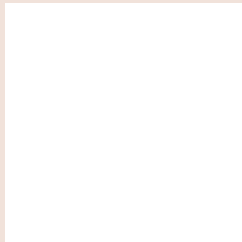
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1554, 0.3286, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 78.1554, 0.3286, 0.3373.

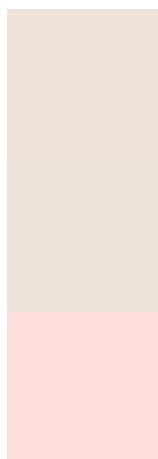


This preview shows how white text looks on a background with the Yxy color 78.1554, 0.3286, 0.3373.

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

78.1554, 0.3286, 0.3373

Protanopia

78.2634, 0.3234, 0.3385

Deuteranopia

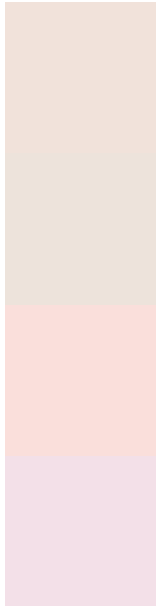
78.0874, 0.3387, 0.3311



Tritanopia

78.2997, 0.3163, 0.3118

Trichromacy



Original Color

78.1554, 0.3286, 0.3373

Protanomaly

78.0572, 0.3250, 0.3374

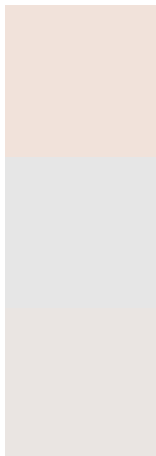
Deuteranomaly

78.2138, 0.3348, 0.3331

Tritanomaly

78.1922, 0.3208, 0.3209

Monochromacy



Original Color

78.1554, 0.3286, 0.3373

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0220, 0.3181, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1554, 0.3286, 0.3373 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(241, 226, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 218)  
}
```

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(241, 226, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 218) }
```

Border

The CSS property to change the border of an element to Yxy 78.1554, 0.3286, 0.3373 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(241, 226, 218) }
```

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

```
.border{ border-color:rgb(241, 226, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 226, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 226, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 226,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1554, 0.3286, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 218) }
```

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

```
.background{ background-color: rgb(241,  
226, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor