

Converting Colors

$Yxy(78.1533, 0.3454, 0.3733)$

Have a look what the booklet for
Yxy(78.1533, 0.3454, 0.3733)
contains.

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Color

Yxy(78.2290, 0.3453, 0.3736)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EDE6BC |
| RGB | 237, 230, 188 |
| RGB Percent | 93%, 90%, 74% |
| CMY | 0.0705, 0.0980, 0.2628 |
| CMYK | 0.00, 0.03, 0.21, 0.07 |
| HSL | 51°, 58%, 83% |
| HSV | 51°, 21%, 93% |
| XYZ | 72.3032, 78.2290, 58.8602 |
| YIQ | 227.3050, 17.6540, -11.5780 |

Conversions

Conversions Part 2

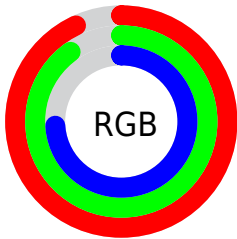
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 196, 237, 188 |
| Decimal | 15591100 |
| CIE Lab | 90.88, -4.28, 21.36 |
| CIE LCh | 91, 21.783, 101.320 |
| Yxy | 78.2290, 0.3453, 0.3736 |
| Android (android.graphics.Color) | 4293781180 (0xFFE6BC) |
| YUV | 227.3050, -19.3774, 8.5025 |
| Hunter-Lab | 88.4472, -8.8635, 22.4564 |

Details

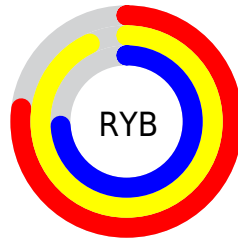
The Yxy color **78.2290, 0.3453, 0.3736** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.8419, 0.2786, 0.2801**, and the grayscale version is **77.1871, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **42.2330, 0.3523, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **75.4221, 0.3621, 0.3957**, and if you desaturate by 10%, it is **81.2476, 0.3291, 0.3517**.

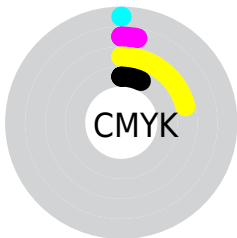
Distribution



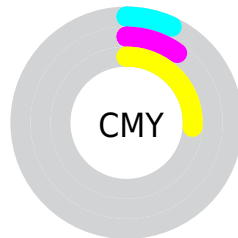
- Red (93%)
- Green (90%)
- Blue (74%)



- Red (77%)
- Yellow (93%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2290, 0.3453, 0.3736 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 78.2290, 0.3453, 0.3736 by changing the saturation by 10% instead.


 78.2290, 0.3453,
0.3736

 78.2290, 0.3453,
0.3736


488.9442, 0.3306,
0.3531

 58.2621, 0.3486,
0.3782


 130.8729, 0.3403,
0.3665

 42.0194, 0.3526,
0.3839


164.3187, 0.3383,
0.3638

 29.1165, 0.3575,
0.3911


203.0262, 0.3366,
0.3614

 19.1690, 0.3638,
0.4004

247.3799, 0.3351,
0.3593

 11.7924, 0.3721,
0.4128

297.7642, 0.3337,
0.3575

 6.6025, 0.3834,
0.4301

354.5634, 0.3326,

 3.2148, 0.3991,

0.3558

418.1619, 0.3315,
0.3544

0.4556

1.2449, 0.4592,
0.5408

0.0979, 0.0000,
1.0000

78.2290, 0.3453,
0.3736

78.2290, 0.3453,
0.3736

75.4221, 0.3621,
0.3957

81.2476, 0.3291,
0.3517

72.8079, 0.3790,
0.4171

84.4752, 0.3137,
0.3304

70.3809, 0.3953,
0.4369

87.6558, 0.3018,
0.3142

68.1312, 0.4105,
0.4542

89.6749, 0.3018,
0.3177

■ 66.0476, 0.4238,
0.4678

■ 91.7316, 0.3018,
0.3210

■ 64.1175, 0.4345,
0.4772

■ 93.8261, 0.3018,
0.3244

■ 62.3257, 0.4424,
0.4820

■ 95.9586, 0.3018,
0.3278

■ 60.7583, 0.4475,
0.4829

■ 96.7482, 0.3017,
0.3290

Harmonies

Analogous

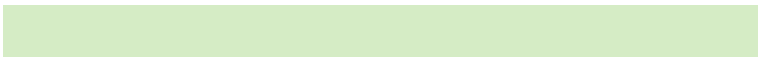
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.2290, 0.3607, 0.3627



78.2290, 0.3453, 0.3736



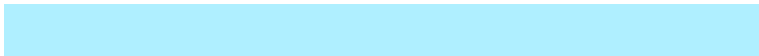
78.2290, 0.3215, 0.3720

Triad

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



78.2290, 0.3453, 0.3736



78.2290, 0.2651, 0.3109



78.2290, 0.3284, 0.3029

Complementary

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



78.2290, 0.3453, 0.3736



55.8419, 0.2786, 0.2801

Split Complementary

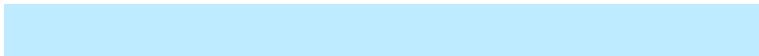
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.2290, 0.3023, 0.2901



78.2290, 0.3453, 0.3736



78.2290, 0.2666, 0.2937

Square

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



78.2290, 0.3453, 0.3736



78.2290, 0.2756, 0.3344



78.2290, 0.2800, 0.2865



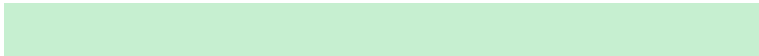
78.2290, 0.3508, 0.3222

Rectangle

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



78.2290, 0.3453, 0.3736



78.2290, 0.3043, 0.3635



78.2290, 0.2800, 0.2865



78.2290, 0.3197, 0.2977

Sweetspot

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



78.2325, 0.3453, 0.3736



97.6635, 0.3218, 0.3416



57.9270, 0.3481, 0.3210



20.8508, 0.3228, 0.3430



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.



78.2325, 0.3453, 0.3736



90.8659, 0.3527, 0.3834



79.4050, 0.3317, 0.3826



17.2378, 0.3271, 0.3490



33.3140, 0.4470, 0.4833



2.7167, 0.4426, 0.4868

Inverse Universe

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



55.8419, 0.2786, 0.2801



59.8130, 0.2704, 0.2681



55.0794, 0.2906, 0.2737



14.8968, 0.2980, 0.3082



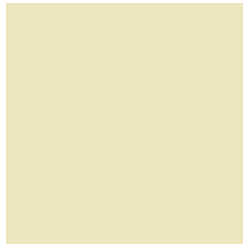
4.0737, 0.1533, 0.0716



0.4286, 0.1590, 0.0923

Previews

White Background



This preview shows how the Yxy color 78.2290, 0.3453, 0.3736 looks on a white background.

Color Contrast Check

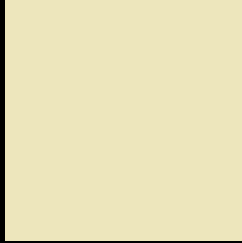
Large Text (above 18pt) WCAG AA × Fail

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 78.2290, 0.3453, 0.3736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

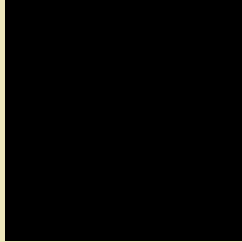
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

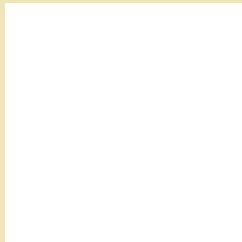
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2290, 0.3453, 0.3736

Background



This preview shows how black text looks on a background with the Yxy color 78.2290, 0.3453, 0.3736.

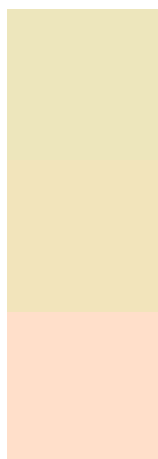


This preview shows how white text looks on a background with the Yxy color 78.2290, 0.3453, 0.3736.

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

78.2290, 0.3453, 0.3736

Protanopia

77.9519, 0.3501, 0.3721

Deuteranopia

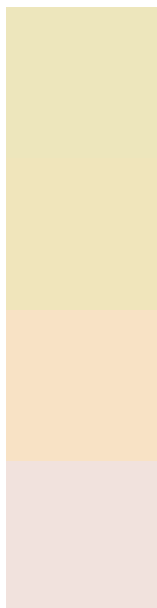
78.2996, 0.3504, 0.3504



Tritanopia

78.2997, 0.3163, 0.3118

Trichromacy



Original Color

78.2290, 0.3453, 0.3736

Protanomaly

78.1517, 0.3484, 0.3733

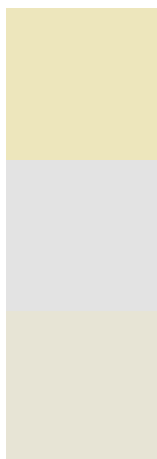
Deuteranomaly

78.3804, 0.3481, 0.3590

Tritanomaly

78.3139, 0.3266, 0.3342

Monochromacy



Original Color

78.2290, 0.3453, 0.3736

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.2798, 0.3246, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2290, 0.3453, 0.3736 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(237, 230, 188)` looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 188)  
}
```

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(237, 230, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 188) }
```

Border

The CSS property to change the border of an element to Yxy 78.2290, 0.3453, 0.3736 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(237, 230, 188) }
```

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

```
.border{ border-color:rgb(237, 230, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 230, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 188);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
188) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 78.2290, 0.3453, 0.3736$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 188) }
```

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

```
.background{ background-color: rgb(237,  
230, 188) }
```

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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