

Converting Colors

$Y_{xy}(78.9450, 0.3258, 0.3374)$

Have a look what the booklet for
Yxy(78.9450, 0.3258, 0.3374)
contains.

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Color

Yxy(79.0048, 0.3256, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	EFE4DC
RGB	239, 228, 220
RGB Percent	94%, 89%, 86%
CMY	0.0627, 0.1059, 0.1371
CMYK	0.00, 0.05, 0.08, 0.06
HSL	25°, 37%, 90%
HSV	25°, 8%, 94%
XYZ	76.2643, 79.0048, 78.9580
YIQ	230.3770, 9.1240, -0.1560

Conversions

Conversions Part 2

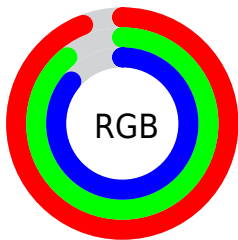
Format	Color
R _Y B	239, 234, 220
Decimal	15721692
CIE Lab	91.24, 2.39, 5.21
CIE LCh	91, 5.731, 65.311
Yxy	79.0048, 0.3256, 0.3373
Android (android.graphics.Color)	4293911772 (0xFFEFE4DC)
YUV	230.3770, -5.1159, 7.5624
Hunter-Lab	88.8846, -2.3925, 9.5508

Details

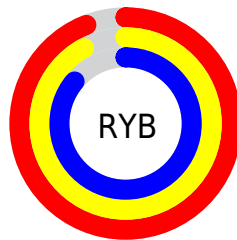
The Yxy color **79.0048, 0.3256, 0.3373** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.6287, 0.3004, 0.3206**, and the grayscale version is **79.4623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6710, 0.3285, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **70.5046, 0.3442, 0.3483**, and if you desaturate by 10%, it is **88.3049, 0.3096, 0.3269**.

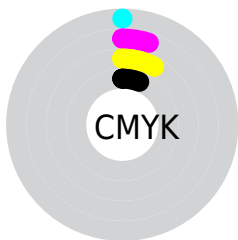
Distribution



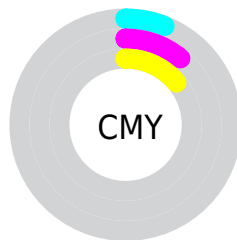
- Red (94%)
- Green (89%)
- Blue (86%)



- Red (94%)
- Yellow (92%)
- Blue (86%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0048, 0.3256, 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 79.0048, 0.3256, 0.3373 by changing the saturation by 10% instead.

79.0048, 0.3256,
0.3373

79.0048, 0.3256,
0.3373

491.5726, 0.3197,
0.3335

58.8998, 0.3269,
0.3381

131.9656, 0.3236,
0.3360

42.5324, 0.3286,
0.3392

165.5902, 0.3228,
0.3355

29.5184, 0.3306,
0.3405

204.4900, 0.3221,
0.3351

19.4733, 0.3333,
0.3421

249.0496, 0.3215,
0.3347

12.0128, 0.3369,
0.3444

299.6532, 0.3210,
0.3344

6.7524, 0.3421,
0.3475

356.6853, 0.3205,

3.3077, 0.3501,

0.3341

420.5303, 0.3201,
0.3338

0.3523

1.2944, 0.3639,
0.3603

0.1369, 0.5794,
0.4206

79.0048, 0.3256,
0.3373

79.0048, 0.3256,
0.3373

70.5046, 0.3442,
0.3483

88.3049, 0.3096,
0.3269

62.7721, 0.3656,
0.3598

97.0933, 0.3029,
0.3290

55.7878, 0.3902,
0.3713

49.5272, 0.4177,
0.3823

■ 43.9649, 0.4478,
0.3916

■ 39.0731, 0.4793,
0.3983

■ 34.8221, 0.5104,
0.4008

■ 31.1789, 0.5387,
0.3981

■ 28.1041, 0.5622,
0.3902

Harmonies

Analogous

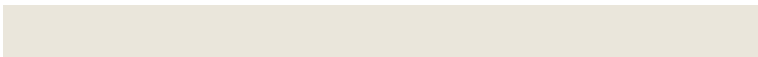
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0048, 0.3253, 0.3321



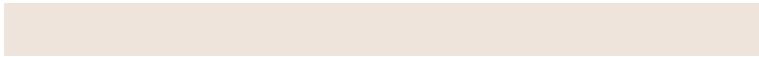
79.0048, 0.3256, 0.3373



79.0048, 0.3224, 0.3403

Triad

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



79.0048, 0.3256, 0.3373



79.0048, 0.3038, 0.3318



79.0048, 0.3088, 0.3180

Complementary

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



79.0048, 0.3256, 0.3373



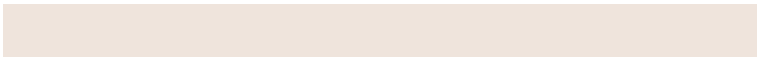
78.6287, 0.3004, 0.3206

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.



79.0048, 0.3031, 0.3178



79.0048, 0.3256, 0.3373



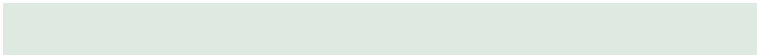
79.0048, 0.3003, 0.3257

Square

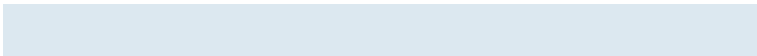
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0048, 0.3256, 0.3373



79.0048, 0.3098, 0.3372



79.0048, 0.3000, 0.3206



79.0048, 0.3156, 0.3211

Rectangle

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



79.0048, 0.3256, 0.3373



79.0048, 0.3187, 0.3407



79.0048, 0.3000, 0.3206



79.0048, 0.3067, 0.3176

Sweetspot

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



79.0083, 0.3256, 0.3373



97.8025, 0.3158, 0.3311



75.3294, 0.3189, 0.3176



20.9569, 0.3157, 0.3310



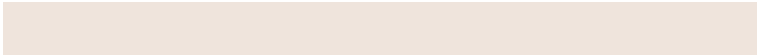
0.0000, 0.0000, 0.0000



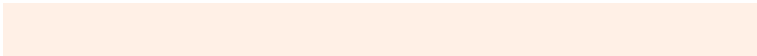
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0083, 0.3256, 0.3373



89.3866, 0.3293, 0.3396



84.3410, 0.3247, 0.3469



16.8494, 0.3283, 0.3390



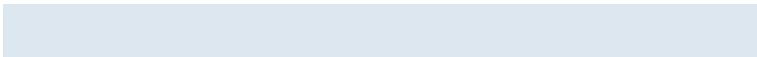
15.4603, 0.5639, 0.3904



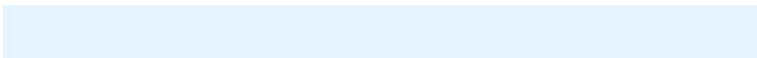
1.4786, 0.5405, 0.4090

Inverse Universe

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



78.6287, 0.3004, 0.3206



88.8389, 0.2972, 0.3182



73.4882, 0.3005, 0.3104



16.7522, 0.2980, 0.3188



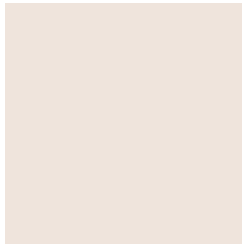
13.8590, 0.1848, 0.1854



1.3492, 0.1906, 0.2061

Previews

White Background



This preview shows how the Yxy color 79.0048, 0.3256, 0.3373 looks on a white background.

Color Contrast Check

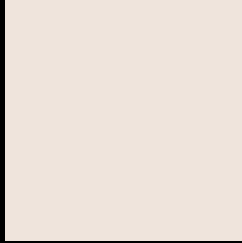
Large Text (above 18pt) WCAG AA × Fail

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 79.0048, 0.3256, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

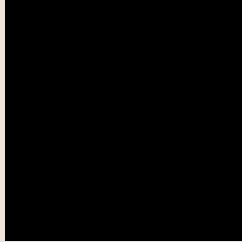
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

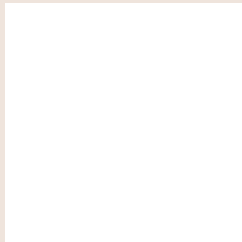
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0048, 0.3256, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 79.0048, 0.3256, 0.3373.

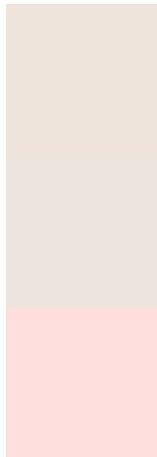


This preview shows how white text looks on a background with the Yxy color 79.0048, 0.3256, 0.3373.

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

79.0048, 0.3256, 0.3373

Protanopia

79.0919, 0.3227, 0.3374

Deuteranopia

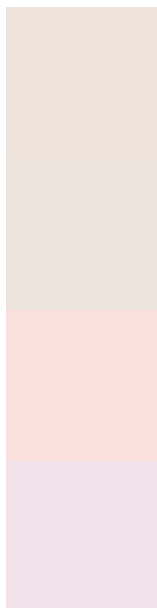
78.7230, 0.3372, 0.3301



Tritanopia

79.1385, 0.3135, 0.3118

Trichromacy



Original Color

79.0048, 0.3256, 0.3373

Protanomaly

79.2636, 0.3234, 0.3373

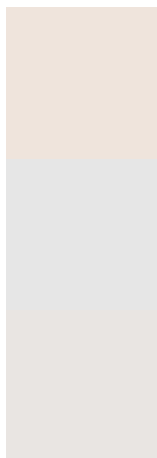
Deuteranomaly

78.6715, 0.3325, 0.3321

Tritanomaly

79.0340, 0.3180, 0.3209

Monochromacy



Original Color

79.0048, 0.3256, 0.3373

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.8532, 0.3174, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0048, 0.3256, 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(239, 228, 220)` looks like.

```
.text, #text, p{  
    color:rgb(239, 228, 220)  
}
```

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(239, 228, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 228, 220) }
```

Border

The CSS property to change the border of an element to Yxy 79.0048, 0.3256, 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(239, 228, 220) }
```

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

```
.border{ border-color:rgb(239, 228, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 228, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 228, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 228, 220);  
box-shadow:4px 4px 4px 4px rgb(239, 228,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0048, 0.3256, 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(239, 228, 220) }
```

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

```
.background{ background-color: rgb(239,  
228, 220) }
```

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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