

Converting Colors

$Yxy(78.7452, 0.3243, 0.3433)$

Have a look what the booklet for
Yxy(78.7452, 0.3243, 0.3433)
contains.

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Color

Yxy(79.0439, 0.3245, 0.3437)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EAE6D8 |
| RGB | 234, 230, 216 |
| RGB Percent | 92%, 90%, 85% |
| CMY | 0.0823, 0.0980, 0.1528 |
| CMYK | 0.00, 0.02, 0.08, 0.08 |
| HSL | 47°, 30%, 88% |
| HSV | 47°, 8%, 92% |
| XYZ | 74.6283, 79.0439, 76.3071 |
| YIQ | 229.6000, 6.8780, -3.5060 |

Conversions

Conversions Part 2

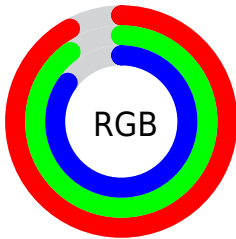
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 221, 234, 216 |
| Decimal | 15394520 |
| CIE _{Lab} | 91.25, -1.03, 7.27 |
| CIE _{LCh} | 91, 7.343, 98.055 |
| Yxy | 79.0439, 0.3245, 0.3437 |
| Android (android.graphics.Color) | 4293584600 (0xFFEAE6D8) |
| YUV | 229.6000, -6.7048, 3.8588 |
| Hunter-Lab | 88.9066, -5.7536, 11.3470 |

Details

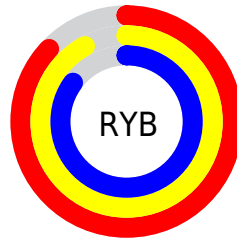
The Yxy color **79.0439, 0.3245, 0.3437** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.7511, 0.3009, 0.3139**, and the grayscale version is **78.8705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.6981, 0.3271, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **75.0599, 0.3409, 0.3636**, and if you desaturate by 10%, it is **83.2941, 0.3093, 0.3247**.

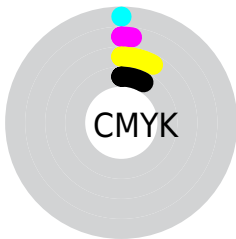
Distribution



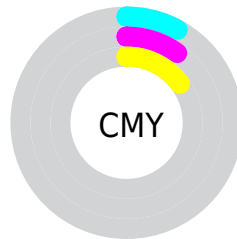
- Red (92%)
- Green (90%)
- Blue (85%)



- Red (87%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0439, 0.3245, 0.3437 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 79.0439, 0.3245, 0.3437 by changing the saturation by 10% instead.

■ 79.0439, 0.3245,
0.3437

■ 79.0439, 0.3245,
0.3437

491.7048, 0.3191,
0.3370

■ 58.9319, 0.3257,
0.3452

132.0207, 0.3227,
0.3414

■ 42.5583, 0.3272,
0.3471

165.6542, 0.3219,
0.3405

■ 29.5387, 0.3291,
0.3494

204.5637, 0.3213,
0.3397

■ 19.4887, 0.3315,
0.3525

249.1336, 0.3208,
0.3390

■ 12.0239, 0.3347,
0.3566

299.7483, 0.3203,
0.3384

■ 6.7600, 0.3393,
0.3625

356.7921, 0.3199,

■ 3.3125, 0.3464,

0.3379

0.3715

420.6495, 0.3195,
0.3374

■ 1.2970, 0.3588,
0.3876

■ 0.1388, 0.4349,
0.5651

■ 79.0439, 0.3245,
0.3437

■ 79.0439, 0.3245,
0.3437

■ 75.0599, 0.3409,
0.3636

■ 83.2941, 0.3093,
0.3247

■ 71.3239, 0.3584,
0.3838

■ 87.2932, 0.2999,
0.3144

■ 67.8307, 0.3765,
0.4039

■ 90.4181, 0.2999,
0.3197

■ 64.5712, 0.3949,
0.4228

■ 93.6321, 0.2999,
0.3249

■ 61.5355, 0.4127,
0.4397

■ 96.2343, 0.2999,
0.3290

■ 58.7126, 0.4293,
0.4535

■ 56.0900, 0.4437,
0.4632

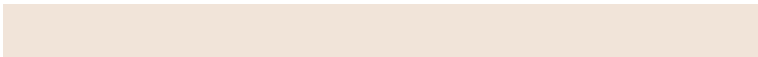
■ 53.6536, 0.4554,
0.4682

■ 51.3840, 0.4641,
0.4685

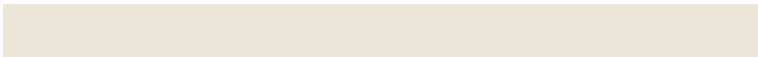
Harmonies

Analogous

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



79.0439, 0.3290, 0.3401



79.0439, 0.3245, 0.3437



79.0439, 0.3168, 0.3433

Triad

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



79.0439, 0.3245, 0.3437



79.0439, 0.2966, 0.3240



79.0439, 0.3172, 0.3194

Complementary

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



79.0439, 0.3245, 0.3437



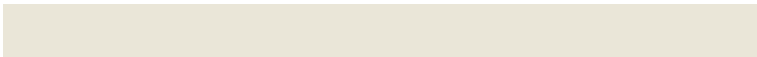
71.7511, 0.3009, 0.3139

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.



79.0439, 0.3084, 0.3152



79.0439, 0.3245, 0.3437



79.0439, 0.2967, 0.3177

Square

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



79.0439, 0.3245, 0.3437



79.0439, 0.3008, 0.3318



79.0439, 0.3010, 0.3145



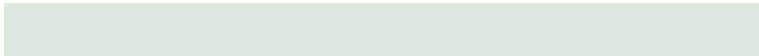
79.0439, 0.3248, 0.3261

Rectangle

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



79.0439, 0.3245, 0.3437



79.0439, 0.3110, 0.3408



79.0439, 0.3010, 0.3145



79.0439, 0.3143, 0.3176

Sweetspot

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



79.0473, 0.3245, 0.3437



98.9522, 0.3157, 0.3328



71.7995, 0.3230, 0.3246



21.1909, 0.3156, 0.3326



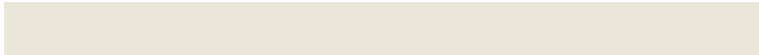
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.0473, 0.3245, 0.3437



95.3865, 0.3267, 0.3464



80.5048, 0.3208, 0.3480



17.0239, 0.3273, 0.3472



28.7821, 0.4651, 0.4689



2.4000, 0.4574, 0.4750

Inverse Universe

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



71.7511, 0.3009, 0.3139



85.0503, 0.2987, 0.3110



70.4116, 0.3042, 0.3097



15.0938, 0.2980, 0.3101



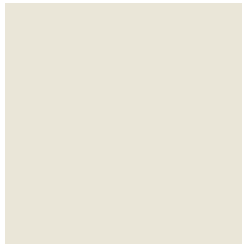
4.8816, 0.1566, 0.0839



0.5237, 0.1636, 0.1090

Previews

White Background



This preview shows how the Yxy color 79.0439, 0.3245, 0.3437 looks on a white background.

Color Contrast Check

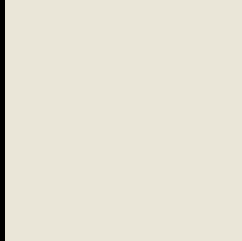
Large Text (above 18pt) WCAG AA × Fail

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 79.0439, 0.3245, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

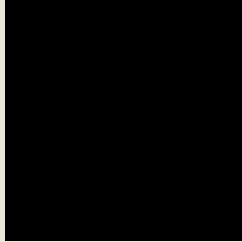
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

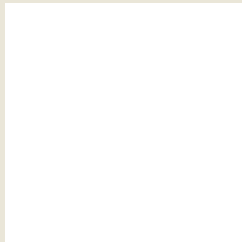
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0439, 0.3245, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 79.0439, 0.3245, 0.3437.

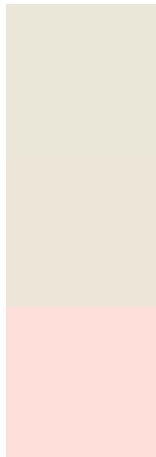


This preview shows how white text looks on a background with the Yxy color 79.0439, 0.3245, 0.3437.

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

79.0439, 0.3245, 0.3437

Protanopia

78.9494, 0.3274, 0.3437

Deuteranopia

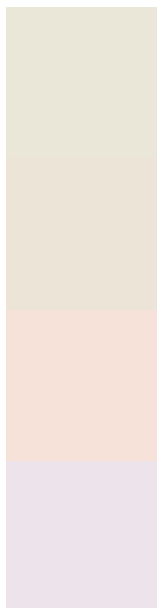
79.0973, 0.3391, 0.3341



Tritanopia

79.1015, 0.3095, 0.3107

Trichromacy



Original Color

79.0439, 0.3245, 0.3437

Protanomaly

78.7778, 0.3267, 0.3437

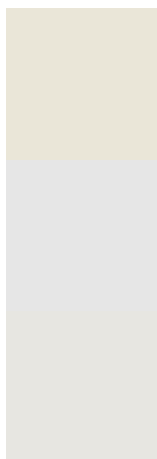
Deuteranomaly

79.1766, 0.3336, 0.3383

Tritanomaly

78.8832, 0.3151, 0.3218

Monochromacy



Original Color

79.0439, 0.3245, 0.3437

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0188, 0.3166, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0439, 0.3245, 0.3437 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(234, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(234, 230, 216)  
}
```

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(234, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 230, 216) }
```

Border

The CSS property to change the border of an element to Yxy 79.0439, 0.3245, 0.3437 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(234, 230, 216) }
```

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

```
.border{ border-color:rgb(234, 230, 216) }
```

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

Here you see how a box with a 4 pixel rgb(234, 230, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(234, 230,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0439, 0.3245, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 230, 216) }
```

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

```
.background{ background-color: rgb(234,  
230, 216) }
```

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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