

Converting Colors

$Y_{xy}(79.2442, 0.3276, 0.3389)$

Have a look what the booklet for
Yxy(79.2442, 0.3276, 0.3389)
contains.

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Color

Yxy(79.1265, 0.3270, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	F0E4DB
RGB	240, 228, 219
RGB Percent	94%, 89%, 86%
CMY	0.0588, 0.1058, 0.1413
CMYK	0.00, 0.05, 0.09, 0.06
HSL	26°, 41%, 90%
HSV	26°, 9%, 94%
XYZ	76.4609, 79.1265, 78.2380
YIQ	230.5620, 10.0410, -0.2550

Conversions

Conversions Part 2

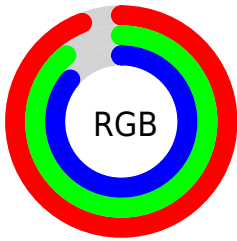
Format	Color
R _Y B	240, 235, 219
Decimal	15787227
CIE Lab	91.29, 2.56, 5.85
CIE LCh	91, 6.383, 66.403
Yxy	79.1265, 0.3270, 0.3384
Android (android.graphics.Color)	4293977307 (0xFFFF0E4DB)
YUV	230.5620, -5.7001, 8.2771
Hunter-Lab	88.9531, -2.2357, 10.1191

Details

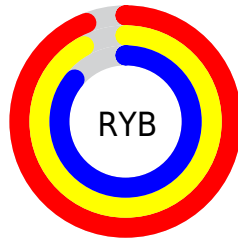
The Yxy color **79.1265, 0.3270, 0.3384** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.4752, 0.2992, 0.3194**, and the grayscale version is **79.6069, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7578, 0.3303, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **70.7225, 0.3457, 0.3497**, and if you desaturate by 10%, it is **88.3156, 0.3108, 0.3277**.

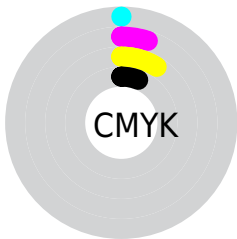
Distribution



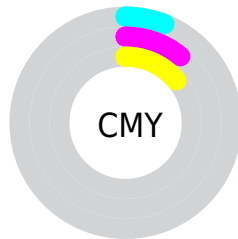
- Red (94%)
- Green (89%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (6%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1265, 0.3270, 0.3384 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 79.1265, 0.3270, 0.3384 by changing the saturation by 10% instead.


 79.1265, 0.3270,
0.3384

 79.1265, 0.3270,
0.3384


491.9842, 0.3205,
0.3341

 58.9998, 0.3285,
0.3394


132.1369, 0.3247,
0.3369

 42.6130, 0.3303,
0.3405

165.7895, 0.3239,
0.3364

 29.5816, 0.3326,
0.3420


204.7194, 0.3231,
0.3359

 19.5212, 0.3355,
0.3439

249.3112, 0.3224,
0.3354

 12.0475, 0.3396,
0.3464

299.9492, 0.3219,
0.3351

 6.7760, 0.3453,
0.3499

357.0177, 0.3213,

 3.3224, 0.3541,

0.3347

0.3553

420.9013, 0.3209,
0.3344

■ 1.3023, 0.3693,
0.3643

■ 0.1430, 0.5810,
0.4190

■ 79.1265, 0.3270,
0.3384

■ 79.1265, 0.3270,
0.3384

■ 70.7225, 0.3457,
0.3497

■ 88.3156, 0.3108,
0.3277

■ 63.0716, 0.3673,
0.3615

■ 97.2652, 0.3035,
0.3290

■ 56.1547, 0.3919,
0.3733

■ 49.9482, 0.4194,
0.3844

■ 44.4268, 0.4493,
0.3938

■ 39.5634, 0.4804,
0.4004

■ 35.3286, 0.5108,
0.4027

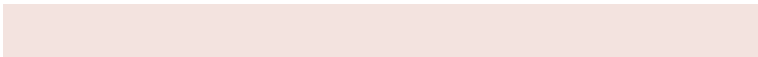
■ 31.6900, 0.5384,
0.3998

■ 28.6070, 0.5612,
0.3916

Harmonies

Analogous

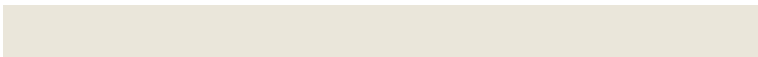
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1265, 0.3269, 0.3327



79.1265, 0.3270, 0.3384



79.1265, 0.3233, 0.3417

Triad

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



79.1265, 0.3270, 0.3384



79.1265, 0.3026, 0.3319



79.1265, 0.3086, 0.3168

Complementary

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



79.1265, 0.3270, 0.3384



78.4752, 0.2992, 0.3194

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.



79.1265, 0.3022, 0.3165



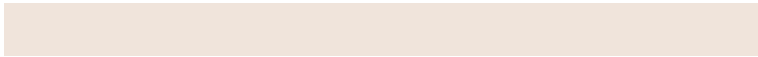
79.1265, 0.3270, 0.3384



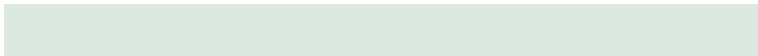
79.1265, 0.2988, 0.3251

Square

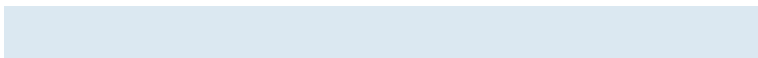
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1265, 0.3270, 0.3384



79.1265, 0.3092, 0.3379



79.1265, 0.2986, 0.3195



79.1265, 0.3162, 0.3204

Rectangle

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



79.1265, 0.3270, 0.3384



79.1265, 0.3191, 0.3420



79.1265, 0.2986, 0.3195



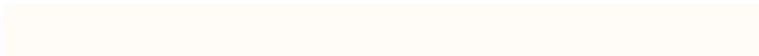
79.1265, 0.3063, 0.3164

Sweetspot

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



79.1300, 0.3270, 0.3384



96.7658, 0.3174, 0.3322



74.9547, 0.3196, 0.3164



20.5298, 0.3187, 0.3330



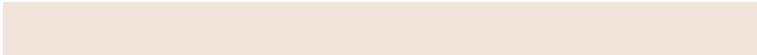
0.0000, 0.0000, 0.0000



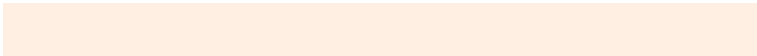
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1300, 0.3270, 0.3384



88.5410, 0.3310, 0.3409



84.9311, 0.3259, 0.3488



16.8763, 0.3282, 0.3392



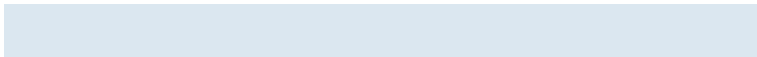
15.7222, 0.5611, 0.3927



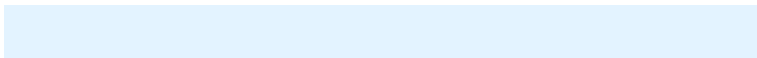
1.5017, 0.5380, 0.4110

Inverse Universe

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



78.4752, 0.2992, 0.3194



87.6092, 0.2956, 0.3168



72.9122, 0.2991, 0.3084



16.7248, 0.2980, 0.3186



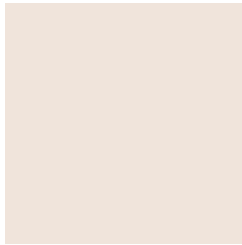
13.4809, 0.1839, 0.1819



1.3187, 0.1897, 0.2030

Previews

White Background



This preview shows how the Yxy color 79.1265, 0.3270, 0.3384 looks on a white background.

Color Contrast Check

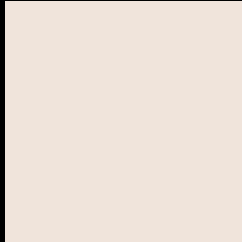
Large Text (above 18pt) WCAG AA × Fail

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 79.1265, 0.3270, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

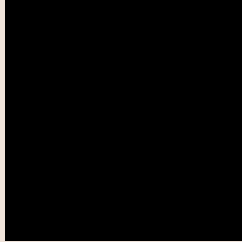
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

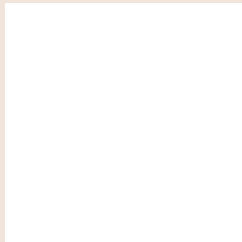
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1265, 0.3270, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 79.1265, 0.3270, 0.3384.

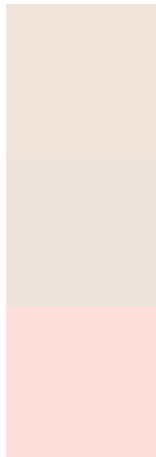


This preview shows how white text looks on a background with the Yxy color 79.1265, 0.3270, 0.3384.

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

79.1265, 0.3270, 0.3384

Protanopia

79.2105, 0.3241, 0.3384

Deuteranopia

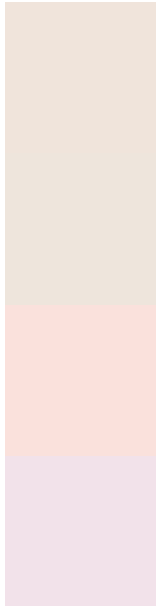
79.2027, 0.3377, 0.3321



Tritanopia

79.3159, 0.3142, 0.3119

Trichromacy



Original Color

79.1265, 0.3270, 0.3384

Protanomaly

79.3831, 0.3248, 0.3384

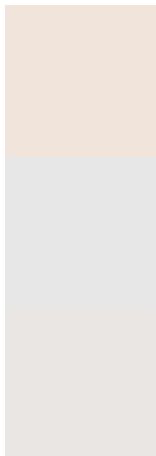
Deuteranomaly

79.3417, 0.3338, 0.3341

Tritanomaly

79.2105, 0.3187, 0.3209

Monochromacy



Original Color

79.1265, 0.3270, 0.3384

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.6321, 0.3174, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1265, 0.3270, 0.3384 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(240, 228, 219)` looks like.

```
.text, #text, p{  
    color:rgb(240, 228, 219)  
}
```

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(240, 228, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 228, 219) }
```

Border

The CSS property to change the border of an element to Yxy 79.1265, 0.3270, 0.3384 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(240, 228, 219) }
```

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

```
.border{ border-color:rgb(240, 228, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 228, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 228, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 228, 219);  
box-shadow:4px 4px 4px 4px rgb(240, 228,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1265, 0.3270, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 228, 219) }
```

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

```
.background{ background-color: rgb(240,  
228, 219) }
```

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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