

Converting Colors

$Yxy(79.7499, 0.3167, 0.3475)$

Have a look what the booklet for
Yxy(79.7499, 0.3167, 0.3475)
contains.

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Color

Yxy(79.7027, 0.3166, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	E0EAD9
RGB	224, 234, 217
RGB Percent	88%, 92%, 85%
CMY	0.1217, 0.0823, 0.1491
CMYK	0.04, 0.00, 0.07, 0.08
HSL	95°, 29%, 88%
HSV	95°, 7%, 92%
XYZ	72.6782, 79.7027, 77.1776
YIQ	229.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

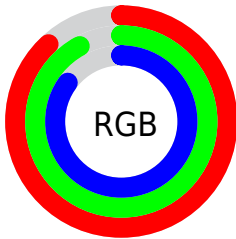
Format	Color
R_YB	217, 234, 227
Decimal	14740185
CIE Lab	91.55, -6.36, 7.11
CIE LCh	92, 9.542, 131.825
Yxy	79.7027, 0.3166, 0.3472
Android (android.graphics.Color)	4292930265 (0xFFE0EAD9)
YUV	229.0720, -5.9515, -4.4481
Hunter-Lab	89.2764, -10.9202, 11.2385

Details

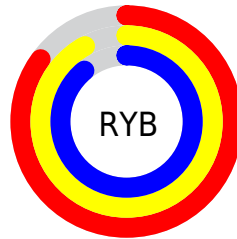
The Yxy color **79.7027, 0.3166, 0.3472** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.8844, 0.3086, 0.3109**, and the grayscale version is **78.4532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8844, 0.3178, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **76.4598, 0.3218, 0.3743**, and if you desaturate by 10%, it is **83.3037, 0.3113, 0.3226**.

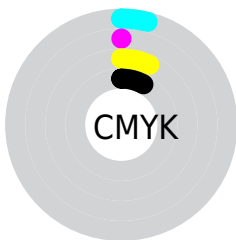
Distribution



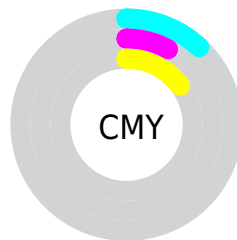
- Red (88%)
- Green (92%)
- Blue (85%)



- Red (85%)
- Yellow (92%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)



- Cyan (12%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7027, 0.3166, 0.3472 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 79.7027, 0.3166, 0.3472 by changing the saturation by 10% instead.

■ 79.7027, 0.3166,
0.3472

■ 79.7027, 0.3166,
0.3472

493.9304, 0.3149,
0.3388

■ 59.4737, 0.3170,
0.3491

132.9477, 0.3160,
0.3443

■ 42.9946, 0.3174,
0.3515

166.7325, 0.3158,
0.3432

■ 29.8809, 0.3180,
0.3544

205.8046, 0.3156,
0.3422

■ 19.7482, 0.3187,
0.3583

250.5486, 0.3154,
0.3413

■ 12.2121, 0.3197,
0.3636

301.3488, 0.3153,
0.3406

■ 6.8883, 0.3210,
0.3712

358.5895, 0.3151,

■ 3.3924, 0.3228,

0.3399

0.3830

422.6553, 0.3150,
0.3394

■ 1.3398, 0.3257,
0.4042

■ 0.1717, 0.0440,
0.9560

■ 79.7027, 0.3166,
0.3472

■ 79.7027, 0.3166,
0.3472

■ 76.4598, 0.3218,
0.3743

■ 83.3037, 0.3113,
0.3226

■ 73.5533, 0.3268,
0.4035

■ 86.6854, 0.3114,
0.3086

■ 70.9745, 0.3311,
0.4342

■ 87.3347, 0.3137,
0.3088

■ 68.7105, 0.3344,
0.4656

■ 66.7474, 0.3363,
0.4961

■ 65.0701, 0.3365,
0.5241

■ 63.6620, 0.3348,
0.5479

■ 62.5040, 0.3311,
0.5661

■ 61.5727, 0.3258,
0.5780

Harmonies

Analogous

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



79.7027, 0.3269, 0.3483



79.7027, 0.3166, 0.3472



79.7027, 0.3054, 0.3409

Triad

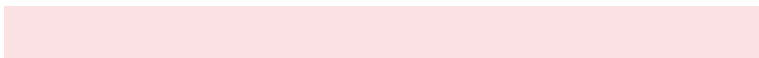
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.7027, 0.3166, 0.3472



79.7027, 0.2924, 0.3136



79.7027, 0.3294, 0.3264

Complementary

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



79.7027, 0.3166, 0.3472



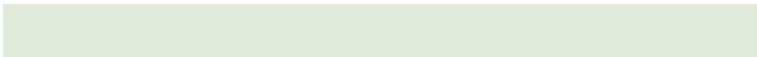
71.8844, 0.3086, 0.3109

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.



79.7027, 0.3198, 0.3175



79.7027, 0.3166, 0.3472



79.7027, 0.2985, 0.3101

Square

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



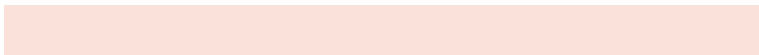
79.7027, 0.3166, 0.3472



79.7027, 0.2916, 0.3213



79.7027, 0.3085, 0.3116



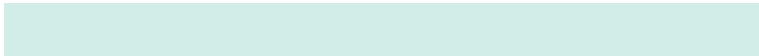
79.7027, 0.3344, 0.3361

Rectangle

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



79.7027, 0.3166, 0.3472



79.7027, 0.2989, 0.3348



79.7027, 0.3085, 0.3116



79.7027, 0.3266, 0.3232

Sweetspot

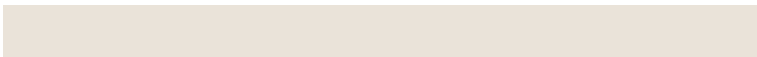
The Sweet Spot groups the original color and five complimentary colors.



79.7061, 0.3166, 0.3472



99.1105, 0.3138, 0.3339



77.3941, 0.3242, 0.3395



21.2231, 0.3137, 0.3336



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.



79.7061, 0.3166, 0.3472



96.1345, 0.3175, 0.3518



78.6842, 0.3110, 0.3459



17.1644, 0.3178, 0.3529



34.5398, 0.3255, 0.5798



2.7673, 0.3363, 0.5712

Inverse Universe

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



71.8844, 0.3086, 0.3109



84.4764, 0.3075, 0.3064



72.9654, 0.3145, 0.3127



14.9874, 0.3072, 0.3053



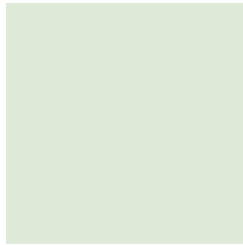
6.4425, 0.2209, 0.0991



0.5620, 0.2344, 0.1065

Previews

White Background



This preview shows how the Yxy color 79.7027, 0.3166, 0.3472 looks on a white background.

Color Contrast Check

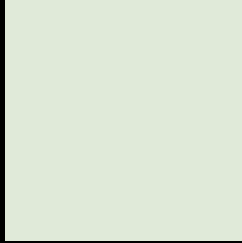
Large Text (above 18pt) WCAG AA × Fail

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 79.7027, 0.3166, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

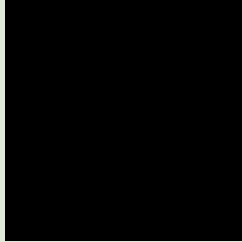
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

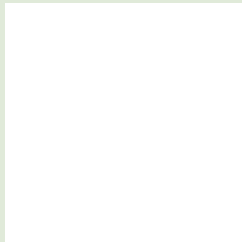
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7027, 0.3166, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 79.7027, 0.3166, 0.3472.

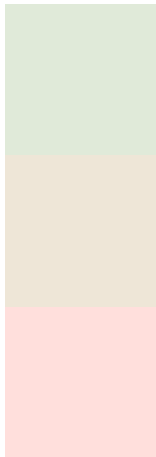


This preview shows how white text looks on a background with the Yxy color 79.7027, 0.3166, 0.3472.

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

79.7027, 0.3166, 0.3472

Protanopia

79.6771, 0.3280, 0.3447

Deuteranopia

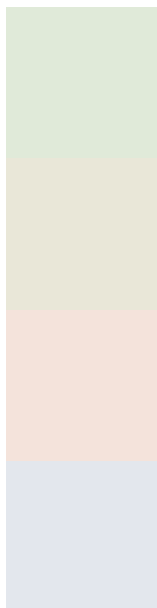
79.2027, 0.3377, 0.3321



Tritanopia

79.4739, 0.3009, 0.3094

Trichromacy



Original Color

79.7027, 0.3166, 0.3472

Protanomaly

79.4333, 0.3237, 0.3448

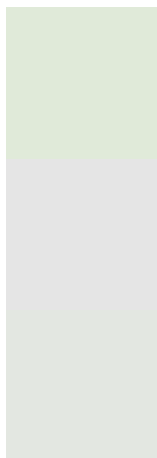
Deuteranomaly

79.2857, 0.3299, 0.3373

Tritanomaly

79.5971, 0.3063, 0.3227

Monochromacy



Original Color

79.7027, 0.3166, 0.3472

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.9190, 0.3138, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7027, 0.3166, 0.3472 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(224, 234, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 234, 217)  
}
```

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(224, 234, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 234, 217) }
```

Border

The CSS property to change the border of an element to Yxy 79.7027, 0.3166, 0.3472 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(224, 234, 217) }
```

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

```
.border{ border-color:rgb(224, 234, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 234, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 234, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 234, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 234,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7027, 0.3166, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 234, 217) }
```

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

```
.background{ background-color: rgb(224,  
234, 217) }
```

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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