

Converting Colors

$Y_{xy}(79.5013, 0.3229, 0.3337)$

Have a look what the booklet for
Yxy(79.5013, 0.3229, 0.3337)
contains.

Yxy(79.7712, 0.3229, 0.3342)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.7712, 0.3229, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	EFE5E0
RGB	239, 229, 224
RGB Percent	94%, 90%, 88%
CMY	0.0627, 0.1020, 0.1216
CMYK	0.00, 0.04, 0.06, 0.06
HSL	20°, 32%, 91%
HSV	20°, 6%, 94%
XYZ	77.0740, 79.7712, 81.8478
YIQ	231.4200, 7.5650, 0.5650

Conversions

Conversions Part 2

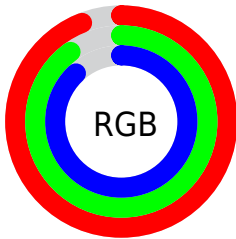
Format	Color
R _Y B	239, 232, 224
Decimal	15721952
CIE Lab	91.58, 2.54, 3.64
CIE LCh	92, 4.437, 55.046
Yxy	79.7712, 0.3229, 0.3342
Android (android.graphics.Color)	4293912032 (0xFFEFE5E0)
YUV	231.4200, -3.6581, 6.6477
Hunter-Lab	89.3147, -2.2645, 8.1871

Details

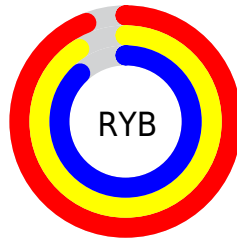
The Yxy color **79.7712, 0.3229, 0.3342** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.9297, 0.3030, 0.3237**, and the grayscale version is **80.2673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2040, 0.3250, 0.3357** is the 20% darker color. If you saturate the color by 10%, you get **70.1511, 0.3415, 0.3429**, and if you desaturate by 10%, it is **90.3898, 0.3072, 0.3260**.

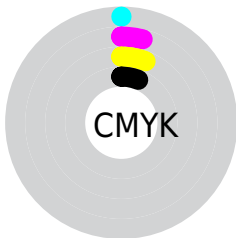
Distribution



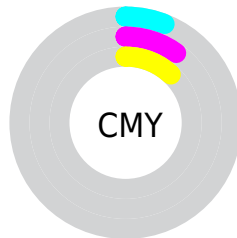
- Red (94%)
- Green (90%)
- Blue (88%)



- Red (94%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7712, 0.3229, 0.3342 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 79.7712, 0.3229, 0.3342 by changing the saturation by 10% instead.

79.7712, 0.3229,
0.3342

79.7712, 0.3229,
0.3342

494.1614, 0.3183,
0.3319

59.5301, 0.3239,
0.3347

133.0440, 0.3213,
0.3334

43.0400, 0.3252,
0.3354

166.8445, 0.3207,
0.3331

29.9165, 0.3269,
0.3362

205.9336, 0.3201,
0.3328

19.7752, 0.3290,
0.3372

250.6956, 0.3197,
0.3326

12.2318, 0.3318,
0.3386

301.5150, 0.3192,
0.3324

6.9017, 0.3358,
0.3405

358.7762, 0.3189,

3.4007, 0.3421,

0.3322

0.3435

422.8635, 0.3185,
0.3320

■ 1.3443, 0.3528,
0.3484

■ 0.1751, 0.5661,
0.4339

■ 79.7712, 0.3229,
0.3342

■ 79.7712, 0.3229,
0.3342

■ 70.1511, 0.3415,
0.3429

■ 90.3898, 0.3072,
0.3260

■ 61.4899, 0.3633,
0.3521

■ 97.0942, 0.3029,
0.3290

■ 53.7603, 0.3889,
0.3614

■ 46.9300, 0.4183,
0.3702

■ 40.9646, 0.4512,
0.3777

■ 35.8273, 0.4865,
0.3829

■ 31.4785, 0.5221,
0.3844

■ 27.8745, 0.5550,
0.3812

■ 24.9659, 0.5819,
0.3730

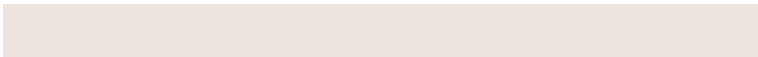
Harmonies

Analogous

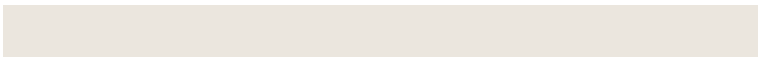
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7712, 0.3218, 0.3299



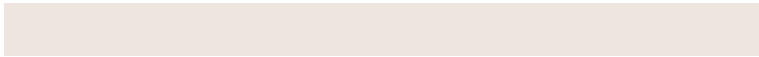
79.7712, 0.3229, 0.3342



79.7712, 0.3213, 0.3372

Triad

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



79.7712, 0.3229, 0.3342



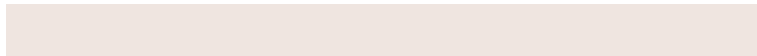
79.7712, 0.3073, 0.3327



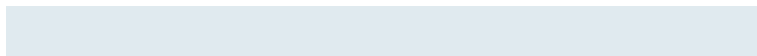
79.7712, 0.3080, 0.3202

Complementary

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



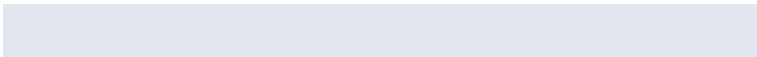
79.7712, 0.3229, 0.3342



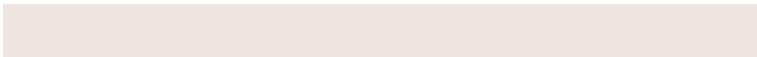
80.9297, 0.3030, 0.3237

Split Complementary

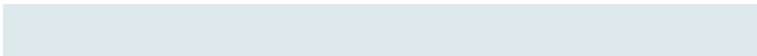
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.7712, 0.3042, 0.3209



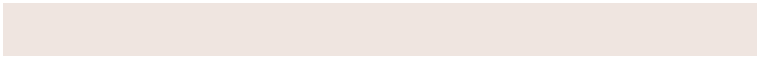
79.7712, 0.3229, 0.3342



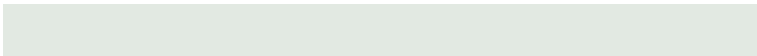
79.7712, 0.3038, 0.3281

Square

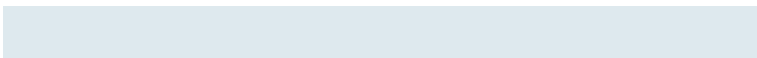
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.7712, 0.3229, 0.3342



79.7712, 0.3122, 0.3364



79.7712, 0.3027, 0.3237



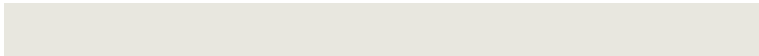
79.7712, 0.3131, 0.3218

Rectangle

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



79.7712, 0.3229, 0.3342



79.7712, 0.3189, 0.3380



79.7712, 0.3027, 0.3237



79.7712, 0.3066, 0.3201

Sweetspot

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



79.7747, 0.3229, 0.3342



97.5259, 0.3158, 0.3306



77.6012, 0.3167, 0.3187



20.9006, 0.3157, 0.3306



0.0000, 0.0000, 0.0000



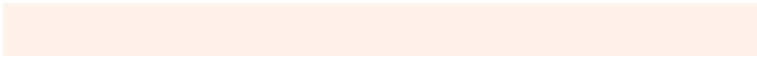
21.4041, 0.3127, 0.3290

Same Dimension

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



79.7747, 0.3229, 0.3342



90.3835, 0.3259, 0.3357



84.0235, 0.3222, 0.3419



16.6198, 0.3285, 0.3369



13.5011, 0.5877, 0.3716



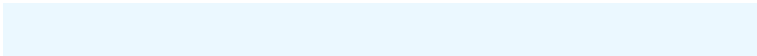
1.2994, 0.5622, 0.3918

Inverse Universe

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



80.9297, 0.3030, 0.3237



92.0712, 0.3003, 0.3222



76.7412, 0.3031, 0.3158



16.9893, 0.2980, 0.3209



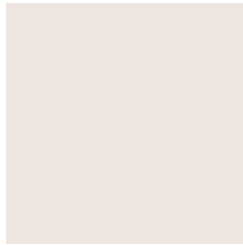
17.4586, 0.1934, 0.2162



1.6344, 0.1980, 0.2328

Previews

White Background



This preview shows how the Yxy color 79.7712, 0.3229, 0.3342 looks on a white background.

Color Contrast Check

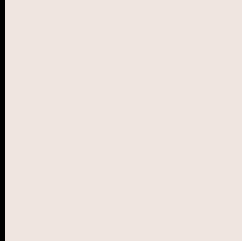
Large Text (above 18pt) WCAG AA × Fail

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 79.7712, 0.3229, 0.3342 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

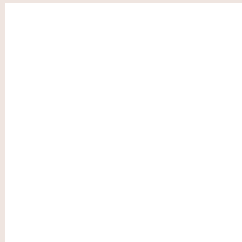
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.7712, 0.3229, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 79.7712, 0.3229, 0.3342.

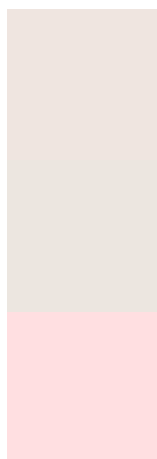


This preview shows how white text looks on a background with the Yxy color 79.7712, 0.3229, 0.3342.

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

79.7712, 0.3229, 0.3342

Protanopia

79.8083, 0.3207, 0.3353

Deuteranopia

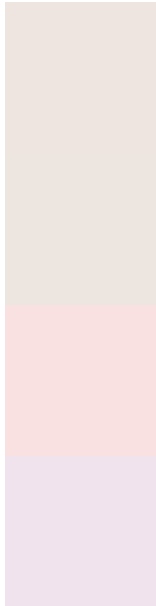
79.4716, 0.3343, 0.3271



Tritanopia

79.8016, 0.3122, 0.3109

Trichromacy



Original Color

79.7712, 0.3229, 0.3342

Protanomaly

79.9800, 0.3214, 0.3352

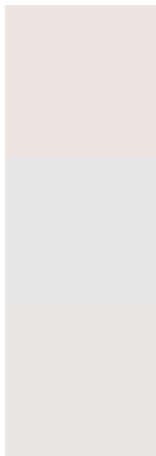
Deuteranomaly

79.4264, 0.3297, 0.3291

Tritanomaly

79.7534, 0.3160, 0.3188

Monochromacy



Original Color

79.7712, 0.3229, 0.3342

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.6875, 0.3167, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.7712, 0.3229, 0.3342 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, 229, 224)` looks like.

```
.text, #text, p{  
    color:rgb(239, 229, 224)  
}
```

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, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 229, 224) }
```

Border

The CSS property to change the border of an element to Yxy 79.7712, 0.3229, 0.3342 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, 229, 224) }
```

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

```
.border{ border-color:rgb(239, 229, 224) }
```

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

Here you see how a box with a 4 pixel rgb(239, 229, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(239, 229,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7712, 0.3229, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 229, 224) }
```

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

```
.background{ background-color: rgb(239,  
229, 224) }
```

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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