

Converting Colors

$Yxy(79.2603, 0.3434, 0.3757)$

Have a look what the booklet for
Yxy(79.2603, 0.3434, 0.3757)
contains.

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Color

Yxy(79.0062, 0.3434, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	EBE8BC
RGB	235, 232, 188
RGB Percent	92%, 91%, 74%
CMY	0.0785, 0.0902, 0.2627
CMYK	0.00, 0.01, 0.20, 0.08
HSL	56°, 54%, 83%
HSV	56°, 20%, 92%
XYZ	72.1946, 79.0062, 59.0339
YIQ	227.8810, 15.9120, -13.0480

Conversions

Conversions Part 2

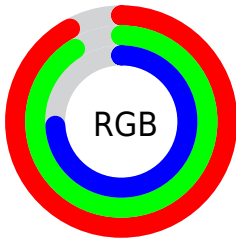
Format	Color
R_{YB}	191, 235, 188
Decimal	15460540
CIE _{Lab}	91.24, -6.03, 21.81
CIE _{LCh}	91, 22.625, 105.445
Yxy	79.0062, 0.3434, 0.3758
Android (android.graphics.Color)	4293650620 (0xFFEBE8BC)
YUV	227.8810, -19.6613, 6.2434
Hunter-Lab	88.8854, -10.5681, 22.8419

Details

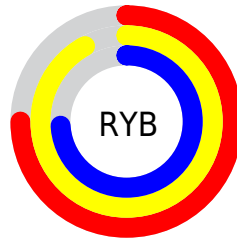
The Yxy color **79.0062, 0.3434, 0.3758** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.9580, 0.2796, 0.2775**, and the grayscale version is **77.6317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **42.3836, 0.3501, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **77.2396, 0.3593, 0.3996**, and if you desaturate by 10%, it is **80.9520, 0.3277, 0.3521**.

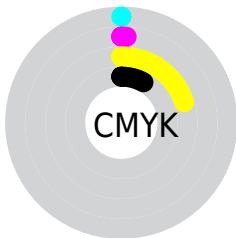
Distribution



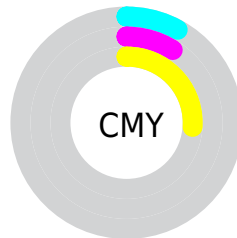
- Red (92%)
- Green (91%)
- Blue (74%)



- Red (75%)
- Yellow (92%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0062, 0.3434, 0.3758 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 79.0062, 0.3434, 0.3758 by changing the saturation by 10% instead.


 79.0062, 0.3434,
0.3758

 79.0062, 0.3434,
0.3758


491.5773, 0.3296,
0.3542

 58.9009, 0.3464,
0.3807


 131.9676, 0.3387,
0.3684

 42.5334, 0.3501,
0.3867


165.5925, 0.3368,
0.3654

 29.5192, 0.3547,
0.3942


204.4927, 0.3352,
0.3629

 19.4739, 0.3606,
0.4040

249.0526, 0.3338,
0.3608

 12.0132, 0.3681,
0.4171

299.6566, 0.3326,
0.3588

 6.7527, 0.3783,
0.4355

356.6892, 0.3315,

 3.3079, 0.3922,

0.3571

0.4628

420.5346, 0.3305,
0.3556

■ 1.2945, 0.4480,
0.5520

■ 0.1370, 0.0000,
1.0000

■ 79.0062, 0.3434,
0.3758

■ 79.0062, 0.3434,
0.3758

■ 77.2396, 0.3593,
0.3996

■ 80.9520, 0.3277,
0.3521

■ 75.6336, 0.3748,
0.4225

■ 83.0740, 0.3127,
0.3290

■ 74.1832, 0.3895,
0.4437

■ 85.1536, 0.3006,
0.3104

■ 72.8788, 0.4026,
0.4622

■ 86.0199, 0.3006,
0.3120

71.7099, 0.4136,
0.4770

86.8934, 0.3006,
0.3135

70.6644, 0.4220,
0.4875

87.7742, 0.3006,
0.3150

69.7279, 0.4277,
0.4936

88.6622, 0.3006,
0.3165

68.8759, 0.4311,
0.4959

89.5575, 0.3006,
0.3180

68.8749, 0.4311,
0.4959

90.4601, 0.3005,
0.3195

Harmonies

Analogous

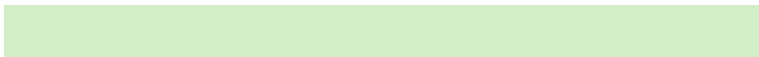
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0062, 0.3609, 0.3660



79.0062, 0.3434, 0.3758



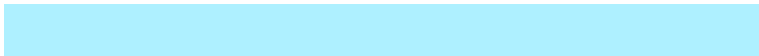
79.0062, 0.3181, 0.3723

Triad

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



79.0062, 0.3434, 0.3758



79.0062, 0.2629, 0.3072



79.0062, 0.3325, 0.3045

Complementary

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



79.0062, 0.3434, 0.3758



53.9580, 0.2796, 0.2775

Split Complementary

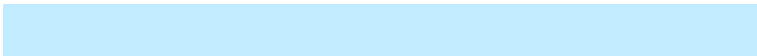
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0062, 0.3056, 0.2901



79.0062, 0.3434, 0.3758



79.0062, 0.2663, 0.2908

Square

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



79.0062, 0.3434, 0.3758



79.0062, 0.2722, 0.3310



79.0062, 0.2816, 0.2849



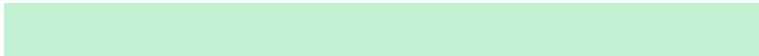
79.0062, 0.3547, 0.3250

Rectangle

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



79.0062, 0.3434, 0.3758



79.0062, 0.3004, 0.3623



79.0062, 0.2816, 0.2849



79.0062, 0.3236, 0.2988

Sweetspot

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



79.0097, 0.3434, 0.3758



98.4344, 0.3217, 0.3428



57.4059, 0.3498, 0.3256



21.0336, 0.3227, 0.3443



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.



79.0097, 0.3434, 0.3758



94.2086, 0.3499, 0.3856



77.4369, 0.3283, 0.3812



17.4534, 0.3269, 0.3508



38.4068, 0.4309, 0.4961



3.0655, 0.4291, 0.4975

Inverse Universe

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



53.9580, 0.2796, 0.2775



58.9099, 0.2718, 0.2653



55.4389, 0.2944, 0.2762



14.7026, 0.2980, 0.3062



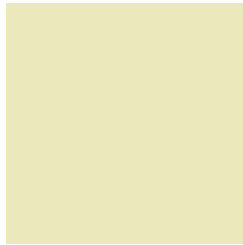
3.5895, 0.1511, 0.0640



0.3360, 0.1541, 0.0748

Previews

White Background



This preview shows how the Yxy color 79.0062, 0.3434, 0.3758 looks on a white background.

Color Contrast Check

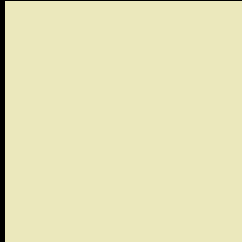
Large Text (above 18pt) WCAG AA × Fail

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 79.0062, 0.3434, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

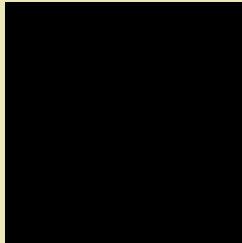
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

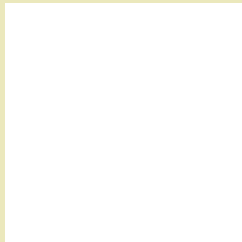
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0062, 0.3434, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 79.0062, 0.3434, 0.3758.

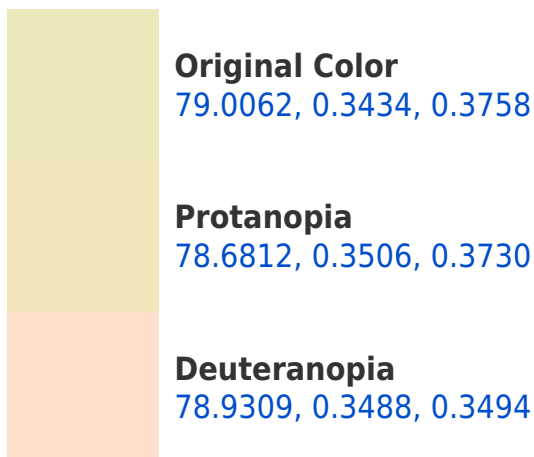


This preview shows how white text looks on a background with the Yxy color 79.0062, 0.3434, 0.3758.

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

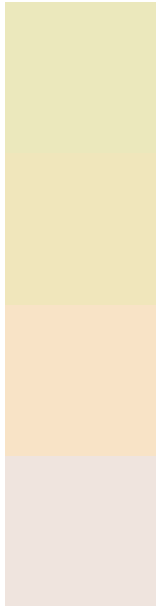




Tritanopia

79.1385, 0.3135, 0.3118

Trichromacy



Original Color

79.0062, 0.3434, 0.3758

Protanomaly

78.7067, 0.3482, 0.3743

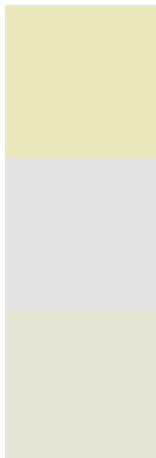
Deuteranomaly

78.9718, 0.3472, 0.3590

Tritanomaly

79.1115, 0.3243, 0.3352

Monochromacy



Original Color

79.0062, 0.3434, 0.3758

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.8316, 0.3245, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0062, 0.3434, 0.3758 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(235, 232, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 188)  
}
```

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(235, 232, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 188) }
```

Border

The CSS property to change the border of an element to Yxy 79.0062, 0.3434, 0.3758 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(235, 232, 188) }
```

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

```
.border{ border-color:rgb(235, 232, 188) }
```

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

Here you see how a box with a 4 pixel rgb(235, 232, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0062, 0.3434, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 188) }
```

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

```
.background{ background-color: rgb(235,  
232, 188) }
```

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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