

Converting Colors

$Y_{xy}(79.2875, 0.3459, 0.3769)$

Have a look what the booklet for
Yxy(79.2875, 0.3459, 0.3769)
contains.

Yxy(79.3056, 0.3455, 0.3767)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.3056, 0.3455, 0.3767)

Conversions

Conversions Part 1

Format	Color
Hex	EDE8BB
RGB	237, 232, 187
RGB Percent	93%, 91%, 73%
CMY	0.0708, 0.0901, 0.2667
CMYK	0.00, 0.02, 0.21, 0.07
HSL	54°, 58%, 83%
HSV	54°, 21%, 93%
XYZ	72.7372, 79.3056, 58.4845
YIQ	228.3650, 17.4250, -12.9350

Conversions

Conversions Part 2

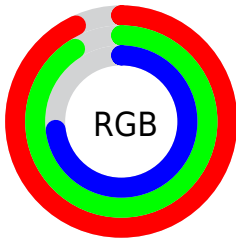
Format	Color
RYB	193, 237, 187
Decimal	15591611
CIELab	91.37, -5.47, 22.55
CIELCh	91, 23.202, 103.632
Yxy	79.3056, 0.3455, 0.3767
Android (android.graphics.Color)	4293781691 (0xFFEDE8BB)
YUV	228.3650, -20.3929, 7.5729
Hunter-Lab	89.0537, -10.0490, 23.3999

Details

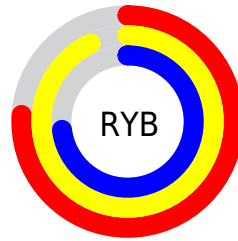
The Yxy color **79.3056, 0.3455, 0.3767** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.3391, 0.2777, 0.2764**, and the grayscale version is **78.0037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **42.5957, 0.3528, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **77.0706, 0.3618, 0.3997**, and if you desaturate by 10%, it is **81.7326, 0.3296, 0.3537**.

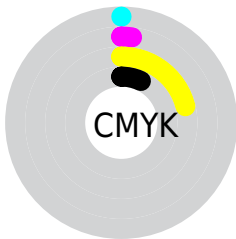
Distribution



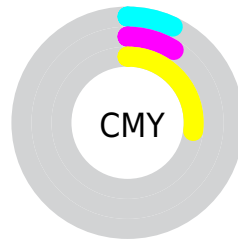
- Red (93%)
- Green (91%)
- Blue (73%)



- Red (76%)
- Yellow (93%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (9%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3056, 0.3455, 0.3767 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 79.3056, 0.3455, 0.3767 by changing the saturation by 10% instead.


 79.3056, 0.3455,
0.3767

 79.3056, 0.3455,
0.3767

492.5896, 0.3307,
0.3548

 59.1471, 0.3488,
0.3817


 132.3890, 0.3405,
0.3691

 42.7315, 0.3527,
0.3877

166.0827, 0.3385,
0.3662

 29.6745, 0.3576,
0.3954


205.0569, 0.3368,
0.3636

 19.5917, 0.3638,
0.4052

249.6960, 0.3353,
0.3614

 12.0986, 0.3719,
0.4184

300.3845, 0.3339,
0.3594

 6.8109, 0.3827,
0.4368

357.5066, 0.3328,

 3.3441, 0.3975,

0.3577

0.4638

421.4468, 0.3317,
0.3562

■ 1.3139, 0.4519,
0.5481

■ 0.1519, 0.0670,
0.9330

■ 79.3056, 0.3455,
0.3767

■ 79.3056, 0.3455,
0.3767

■ 77.0706, 0.3618,
0.3997

■ 81.7326, 0.3296,
0.3537

■ 75.0087, 0.3779,
0.4219

■ 84.3486, 0.3143,
0.3314

■ 73.1144, 0.3932,
0.4424

■ 86.9645, 0.3018,
0.3131

■ 71.3780, 0.4070,
0.4600

■ 88.3408, 0.3018,
0.3154

69.7885, 0.4188,
0.4741

89.7348, 0.3018,
0.3178

68.3332, 0.4280,
0.4838

91.1466, 0.3018,
0.3201

66.9970, 0.4344,
0.4889

92.5763, 0.3017,
0.3224

65.8840, 0.4380,
0.4904

94.0239, 0.3017,
0.3247

95.4894, 0.3017,
0.3270

Harmonies

Analogous

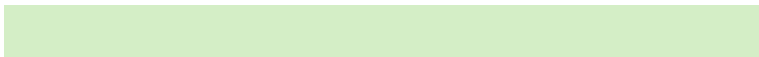
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3056, 0.3628, 0.3659



79.3056, 0.3455, 0.3767



79.3056, 0.3198, 0.3740

Triad

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



79.3056, 0.3455, 0.3767



79.3056, 0.2620, 0.3080



79.3056, 0.3313, 0.3028

Complementary

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



79.3056, 0.3455, 0.3767



54.3391, 0.2777, 0.2764

Split Complementary

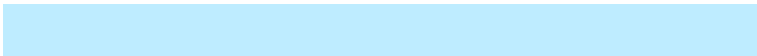
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3056, 0.3037, 0.2886



79.3056, 0.3455, 0.3767



79.3056, 0.2646, 0.2906

Square

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



79.3056, 0.3455, 0.3767



79.3056, 0.2722, 0.3326



79.3056, 0.2796, 0.2840



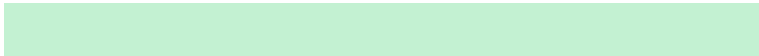
79.3056, 0.3546, 0.3235

Rectangle

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



79.3056, 0.3455, 0.3767



79.3056, 0.3017, 0.3643



79.3056, 0.2796, 0.2840



79.3056, 0.3222, 0.2971

Sweetspot

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



79.3091, 0.3455, 0.3767



98.0952, 0.3217, 0.3423



57.3396, 0.3510, 0.3236



20.9531, 0.3227, 0.3438



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

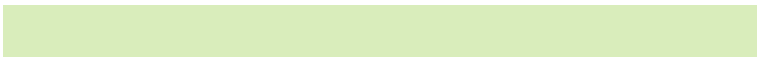
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3091, 0.3455, 0.3767



92.6097, 0.3520, 0.3860



78.8709, 0.3303, 0.3840



17.3584, 0.3270, 0.3500



36.0984, 0.4377, 0.4907



2.9082, 0.4348, 0.4929

Inverse Universe

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



54.3391, 0.2777, 0.2764



58.5034, 0.2701, 0.2648



54.9123, 0.2920, 0.2728



14.7876, 0.2980, 0.3071



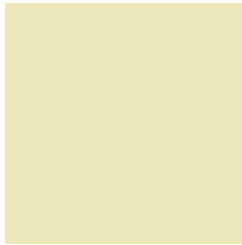
3.7657, 0.1519, 0.0668



0.3767, 0.1563, 0.0826

Previews

White Background



This preview shows how the Yxy color 79.3056, 0.3455, 0.3767 looks on a white background.

Color Contrast Check

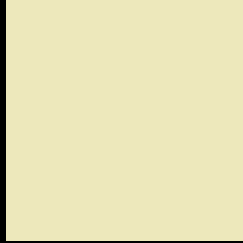
Large Text (above 18pt) WCAG AA × Fail

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 79.3056, 0.3455, 0.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

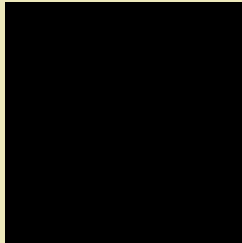
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3056, 0.3455, 0.3767

Background



This preview shows how black text looks on a background with the Yxy color 79.3056, 0.3455, 0.3767.



This preview shows how white text looks on a background with the Yxy color 79.3056, 0.3455, 0.3767.

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

79.3056, 0.3455, 0.3767

Protanopia

79.3719, 0.3518, 0.3749

Deuteranopia

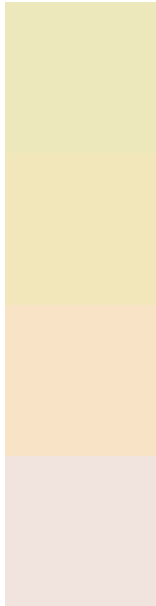
78.9309, 0.3488, 0.3494



Tritanopia

78.9552, 0.3150, 0.3109

Trichromacy



Original Color

79.3056, 0.3455, 0.3767

Protanomaly

79.3978, 0.3493, 0.3763

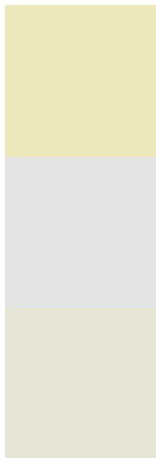
Deuteranomaly

78.9718, 0.3472, 0.3590

Tritanomaly

78.9129, 0.3258, 0.3342

Monochromacy



Original Color

79.3056, 0.3455, 0.3767

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 79.3056, 0.3455, 0.3767 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(237, 232, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 232, 187)  
}
```

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(237, 232, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 232, 187) }
```

Border

The CSS property to change the border of an element to Yxy 79.3056, 0.3455, 0.3767 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(237, 232, 187) }
```

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

```
.border{ border-color:rgb(237, 232, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 232, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 232, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 232, 187);  
box-shadow:4px 4px 4px 4px rgb(237, 232,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3056, 0.3455, 0.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 232, 187) }
```

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

```
.background{ background-color: rgb(237,  
232, 187) }
```

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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