

Converting Colors

Yxy(68.7116, 0.3459, 0.3564)

Have a look what the booklet for
Yxy(68.7116, 0.3459, 0.3564)
contains.

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Color

Yxy(68.5430, 0.3456, 0.3564)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E9D5BC |
| RGB | 233, 213, 188 |
| RGB Percent | 91%, 84%, 74% |
| CMY | 0.0864, 0.1646, 0.2627 |
| CMYK | 0.00, 0.09, 0.19, 0.09 |
| HSL | 33°, 50%, 83% |
| HSV | 33°, 19%, 91% |
| XYZ | 66.4659, 68.5430, 57.3115 |
| YIQ | 216.1300, 19.9450, -3.5350 |

Conversions

Conversions Part 2

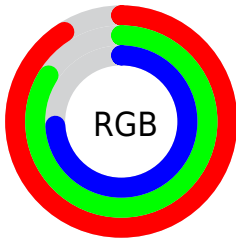
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 224, 233, 188 |
| Decimal | 15324604 |
| CIE _{Lab} | 86.28, 2.95, 14.86 |
| CIE _{LCh} | 86, 15.149, 78.760 |
| Yxy | 68.5430, 0.3456, 0.3564 |
| Android (android.graphics.Color) | 4293514684 (0xFFE9D5BC) |
| YUV | 216.1300, -13.8681, 14.7950 |
| Hunter-Lab | 82.7907, -1.5805, 16.9103 |

Details

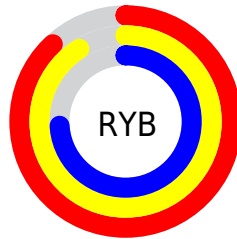
The Yxy color **68.5430, 0.3456, 0.3564** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6619, 0.2821, 0.3000**, and the grayscale version is **68.8478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **35.5501, 0.3536, 0.3619** is the 20% darker color. If you saturate the color by 10%, you get **62.5861, 0.3658, 0.3714**, and if you desaturate by 10%, it is **74.9996, 0.3276, 0.3419**.

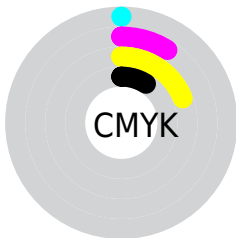
Distribution



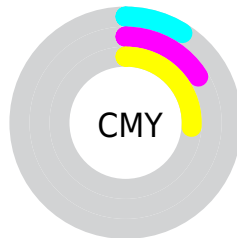
- Red (91%)
- Green (84%)
- Blue (74%)



- Red (88%)
- Yellow (91%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (9%)




- Cyan (9%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5430, 0.3456, 0.3564 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 68.5430, 0.3456, 0.3564 by changing the saturation by 10% instead.


 68.5430, 0.3456,
0.3564

 68.5430, 0.3456,
0.3564


455.4175, 0.3302,
0.3437

 50.3396, 0.3492,
0.3593

 117.1286, 0.3402,
0.3520

 35.6833, 0.3536,
0.3629


148.2796, 0.3381,
0.3503

 24.1897, 0.3592,
0.3674


184.5153, 0.3363,
0.3488

 15.4744, 0.3667,
0.3733

226.2200, 0.3348,
0.3475

 9.1530, 0.3769,
0.3813

273.7782, 0.3334,
0.3464

 4.8411, 0.3916,
0.3926

327.5743, 0.3322,

 2.1543, 0.4147,

0.3454

0.4097

387.9926, 0.3311,
0.3445

0.6949, 0.5132,
0.4868

0.0000, 0.0000,
0.0000

68.5430, 0.3456,
0.3564

68.5430, 0.3456,
0.3564

62.5861, 0.3658,
0.3714

74.9996, 0.3276,
0.3419

57.1057, 0.3880,
0.3863

81.9597, 0.3117,
0.3281

52.0902, 0.4120,
0.4004

89.2509, 0.2993,
0.3180

47.5239, 0.4371,
0.4126

95.6462, 0.2993,
0.3283

■ 43.3899, 0.4623,
0.4218

■ 96.0562, 0.2993,
0.3290

■ 39.6695, 0.4862,
0.4267

■ 36.3418, 0.5073,
0.4264

■ 33.3774, 0.5249,
0.4209

■ 33.1790, 0.5261,
0.4204

Harmonies

Analogous

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



68.5430, 0.3496, 0.3439



68.5430, 0.3456, 0.3564



68.5430, 0.3327, 0.3619

Triad

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



68.5430, 0.3456, 0.3564



68.5430, 0.2829, 0.3287



68.5430, 0.3099, 0.3021

Complementary

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



68.5430, 0.3456, 0.3564



61.6619, 0.2821, 0.3000

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.



68.5430, 0.2924, 0.2977



68.5430, 0.3456, 0.3564



68.5430, 0.2772, 0.3124

Square

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



68.5430, 0.3456, 0.3564



68.5430, 0.2965, 0.3457



68.5430, 0.2806, 0.3013



68.5430, 0.3287, 0.3131

Rectangle

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



68.5430, 0.3456, 0.3564



68.5430, 0.3209, 0.3604



68.5430, 0.2806, 0.3013



68.5430, 0.3037, 0.2998

Sweetspot

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



68.5461, 0.3456, 0.3564



94.7992, 0.3222, 0.3373



57.8549, 0.3341, 0.3069



20.1727, 0.3232, 0.3382



0.0000, 0.0000, 0.0000



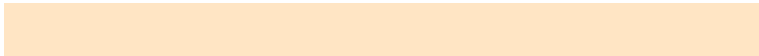
21.4041, 0.3127, 0.3290

Same Dimension

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



68.5461, 0.3456, 0.3564



81.2903, 0.3531, 0.3621



78.8248, 0.3401, 0.3773



16.4440, 0.3279, 0.3421



19.0856, 0.5241, 0.4221



1.6901, 0.5056, 0.4368

Inverse Universe

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



61.6619, 0.2821, 0.3000



71.4409, 0.2758, 0.2935



52.8345, 0.2823, 0.2763



15.6488, 0.2980, 0.3155



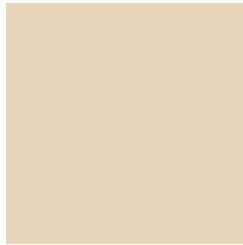
9.1219, 0.1722, 0.1398



0.9054, 0.1796, 0.1664

Previews

White Background



This preview shows how the Yxy color 68.5430, 0.3456, 0.3564 looks on a white background.

Color Contrast Check

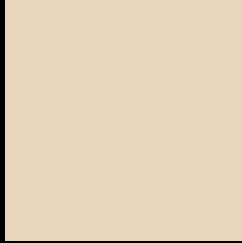
Large Text (above 18pt) WCAG AA × Fail

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 68.5430, 0.3456, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

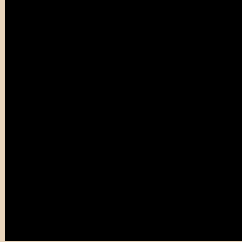
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

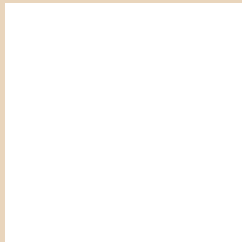
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.5430, 0.3456, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 68.5430, 0.3456, 0.3564.

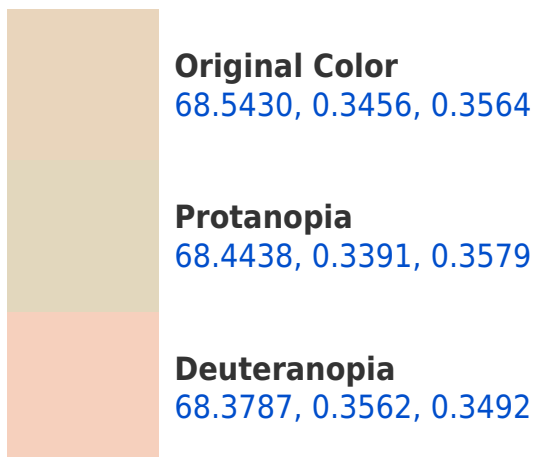


This preview shows how white text looks on a background with the Yxy color 68.5430, 0.3456, 0.3564.

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

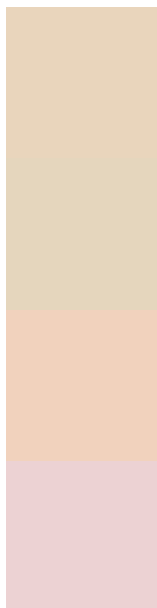




Tritanopia

68.6707, 0.3240, 0.3122

Trichromacy



Original Color

68.5430, 0.3456, 0.3564

Protanomaly

68.4253, 0.3416, 0.3566

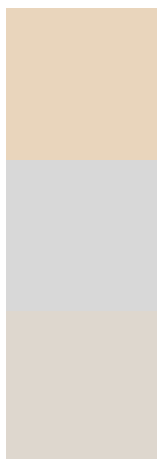
Deuteranomaly

68.4681, 0.3518, 0.3516

Tritanomaly

68.6292, 0.3317, 0.3280

Monochromacy



Original Color

68.5430, 0.3456, 0.3564

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.5867, 0.3241, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5430, 0.3456, 0.3564 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(233, 213, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 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(233, 213, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 188) }
```

Border

The CSS property to change the border of an element to Yxy 68.5430, 0.3456, 0.3564 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(233, 213, 188) }
```

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

```
.border{ border-color:rgb(233, 213, 188) }
```

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

Here you see how a box with a 4 pixel rgb(233, 213, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5430, 0.3456, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 188) }
```

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

```
.background{ background-color: rgb(233,  
213, 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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