

Converting Colors

$Y_{xy}(74.7825, 0.3352, 0.3603)$

Have a look what the booklet for
Yxy(74.7825, 0.3352, 0.3603)
contains.

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Color

Yxy(74.6589, 0.3356, 0.3604)

Conversions

Conversions Part 1

Format	Color
Hex	E6E1C4
RGB	230, 225, 196
RGB Percent	90%, 88%, 77%
CMY	0.0981, 0.1176, 0.2313
CMYK	0.00, 0.02, 0.15, 0.10
HSL	51°, 40%, 84%
HSV	51°, 15%, 90%
XYZ	69.5214, 74.6589, 62.9753
YIQ	223.1890, 12.2890, -7.9590

Conversions

Conversions Part 2

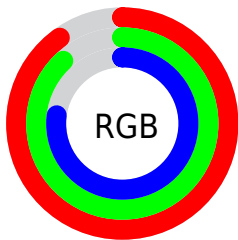
Format	Color
R_{YB}	202, 230, 196
Decimal	15131076
CIE _{Lab}	89.23, -3.09, 14.80
CIE _{LCh}	89, 15.120, 101.786
Yxy	74.6589, 0.3356, 0.3604
Android (android.graphics.Color)	4293321156 (0xFFE6E1C4)
YUV	223.1890, -13.4042, 5.9732
Hunter-Lab	86.4054, -7.5890, 17.2711

Details

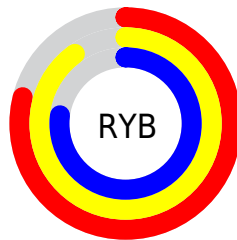
The Yxy color **74.6589, 0.3356, 0.3604** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **59.2220, 0.2891, 0.2955**, and the grayscale version is **74.0255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **39.7011, 0.3408, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **71.8864, 0.3521, 0.3824**, and if you desaturate by 10%, it is **77.6346, 0.3199, 0.3389**.

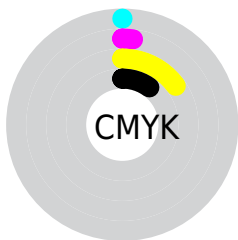
Distribution



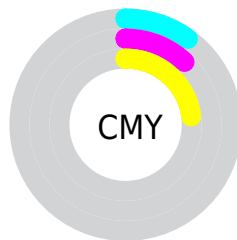
- Red (90%)
- Green (88%)
- Blue (77%)



- Red (79%)
- Yellow (90%)
- Blue (77%)



- Cyan (0%)
- Magenta (2%)
- Yellow (15%)
- Black (10%)



- Cyan (10%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6589, 0.3356, 0.3604 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 74.6589, 0.3356, 0.3604 by changing the saturation by 10% instead.

■ 74.6589, 0.3356,
0.3604

■ 74.6589, 0.3356,
0.3604

476.7443, 0.3251,
0.3458

■ 55.3335, 0.3380,
0.3637

125.8294, 0.3320,
0.3553

■ 39.6688, 0.3409,
0.3678

158.4433, 0.3306,
0.3534

■ 27.2804, 0.3445,
0.3731

196.2555, 0.3293,
0.3517

■ 17.7839, 0.3493,
0.3799

239.6503, 0.3283,
0.3502

■ 10.7950, 0.3556,
0.3891

289.0122, 0.3273,
0.3489

■ 5.9291, 0.3646,
0.4024

344.7256, 0.3265,

■ 2.8020, 0.3779,

0.3478

0.4229

407.1748, 0.3258,
0.3468

■ 1.0293, 0.4476,
0.5134

■ 0.0000, 0.0000,
0.0000

■ 74.6589, 0.3356,
0.3604

■ 74.6589, 0.3356,
0.3604

■ 71.8864, 0.3521,
0.3824

■ 77.6346, 0.3199,
0.3389

■ 69.2997, 0.3690,
0.4041

■ 80.8108, 0.3052,
0.3184

■ 66.8942, 0.3858,
0.4249

■ 83.5357, 0.2974,
0.3089

■ 64.6610, 0.4018,
0.4438

■ 85.4887, 0.2974,
0.3123

62.5905, 0.4164,
0.4596

87.4785, 0.2974,
0.3158

60.6718, 0.4288,
0.4716

89.5055, 0.2975,
0.3192

58.8924, 0.4386,
0.4791

91.5697, 0.2975,
0.3226

57.2370, 0.4455,
0.4820

93.6714, 0.2975,
0.3260

56.4090, 0.4482,
0.4823

95.5622, 0.2976,
0.3290

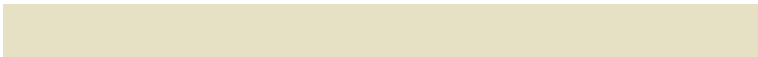
Harmonies

Analogous

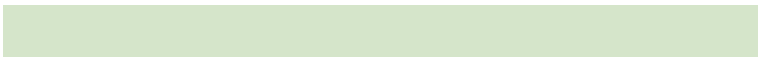
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6589, 0.3464, 0.3533



74.6589, 0.3356, 0.3604



74.6589, 0.3188, 0.3588

Triad

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



74.6589, 0.3356, 0.3604



74.6589, 0.2787, 0.3163



74.6589, 0.3241, 0.3106

Complementary

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



74.6589, 0.3356, 0.3604



59.2220, 0.2891, 0.2955

Split Complementary

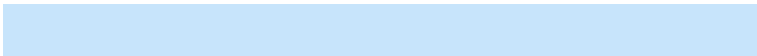
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.6589, 0.3058, 0.3012



74.6589, 0.3356, 0.3604



74.6589, 0.2800, 0.3040

Square

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



74.6589, 0.3356, 0.3604



74.6589, 0.2863, 0.3327



74.6589, 0.2898, 0.2987



74.6589, 0.3397, 0.3246

Rectangle

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



74.6589, 0.3356, 0.3604



74.6589, 0.3067, 0.3528



74.6589, 0.2898, 0.2987



74.6589, 0.3181, 0.3068

Sweetspot

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



74.6622, 0.3356, 0.3604



98.4089, 0.3187, 0.3374



60.5282, 0.3363, 0.3234



21.0005, 0.3199, 0.3389



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.



74.6622, 0.3356, 0.3604



93.1650, 0.3410, 0.3677



75.4977, 0.3263, 0.3666



16.4376, 0.3271, 0.3489



32.0783, 0.4477, 0.4827



2.4692, 0.4429, 0.4865

Inverse Universe

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



59.2220, 0.2891, 0.2955



69.8182, 0.2833, 0.2871



58.5928, 0.2977, 0.2906



14.2268, 0.2980, 0.3083



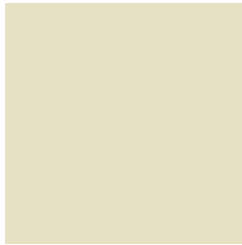
3.9822, 0.1534, 0.0722



0.4015, 0.1596, 0.0944

Previews

White Background



This preview shows how the Yxy color 74.6589, 0.3356, 0.3604 looks on a white background.

Color Contrast Check

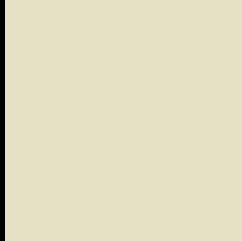
Large Text (above 18pt) WCAG AA × Fail

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 74.6589, 0.3356, 0.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

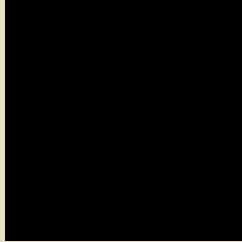
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

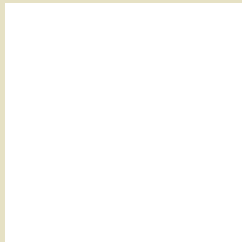
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6589, 0.3356, 0.3604

Background



This preview shows how black text looks on a background with the Yxy color 74.6589, 0.3356, 0.3604.

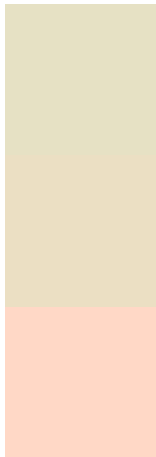


This preview shows how white text looks on a background with the Yxy color 74.6589, 0.3356, 0.3604.

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

74.6589, 0.3356, 0.3604

Protanopia

74.3777, 0.3403, 0.3591

Deuteranopia

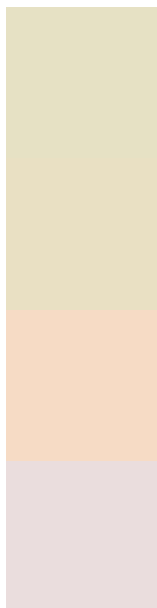
74.4490, 0.3547, 0.3475



Tritanopia

74.5520, 0.3135, 0.3114

Trichromacy



Original Color

74.6589, 0.3356, 0.3604

Protanomaly

74.5751, 0.3387, 0.3602

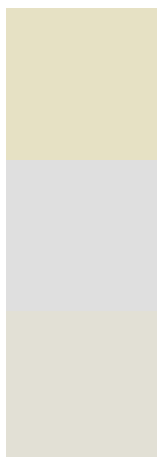
Deuteranomaly

74.2871, 0.3479, 0.3521

Tritanomaly

74.4258, 0.3220, 0.3290

Monochromacy



Original Color

74.6589, 0.3356, 0.3604

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.2842, 0.3214, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6589, 0.3356, 0.3604 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(230, 225, 196)` looks like.

```
.text, #text, p{  
    color:rgb(230, 225, 196)  
}
```

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(230, 225, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 225, 196) }
```

Border

The CSS property to change the border of an element to Yxy 74.6589, 0.3356, 0.3604 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(230, 225, 196) }
```

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

```
.border{ border-color:rgb(230, 225, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 225, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 225, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 225, 196); box-shadow:4px 4px 4px 4px rgb(230, 225, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6589, 0.3356, 0.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 225, 196) }
```

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

```
.background{ background-color: rgb(230,  
225, 196) }
```

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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