

Converting Colors

$Yxy(71.9011, 0.3390, 0.3557)$

Have a look what the booklet for
Yxy(71.9011, 0.3390, 0.3557)
contains.

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Color

Yxy(71.7590, 0.3388, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	E8DBC3
RGB	232, 219, 195
RGB Percent	91%, 86%, 76%
CMY	0.0901, 0.1412, 0.2354
CMYK	0.00, 0.06, 0.16, 0.09
HSL	39°, 45%, 84%
HSV	39°, 16%, 91%
XYZ	68.4651, 71.7590, 61.8570
YIQ	220.1510, 15.4520, -4.7080

Conversions

Conversions Part 2

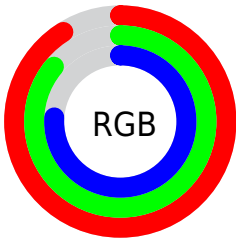
Format	Color
R _Y B	215, 232, 195
Decimal	15260611
CIE Lab	87.85, 0.57, 13.41
CIE LCh	88, 13.425, 87.572
Yxy	71.7590, 0.3388, 0.3551
Android (android.graphics.Color)	4293450691 (0xFFE8DBC3)
YUV	220.1510, -12.3994, 10.3916
Hunter-Lab	84.7107, -3.9760, 16.0030

Details

The Yxy color **71.7590, 0.3388, 0.3551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5416, 0.2874, 0.3015**, and the grayscale version is **71.7643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **37.7041, 0.3451, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **66.6392, 0.3573, 0.3723**, and if you desaturate by 10%, it is **77.2569, 0.3220, 0.3385**.

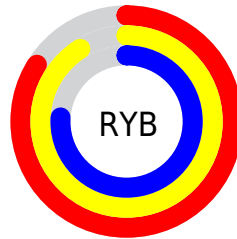
Distribution



Red (91%)

Green (86%)

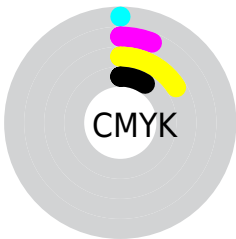
Blue (76%)



Red (84%)

Yellow (91%)

Blue (76%)

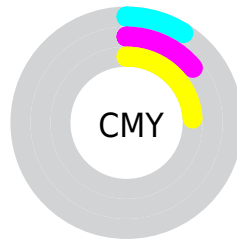


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (9%)



Cyan (9%)


Magenta (14%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7590, 0.3388, 0.3551 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 71.7590, 0.3388, 0.3551 by changing the saturation by 10% instead.

 71.7590, 0.3388,
0.3551

 71.7590, 0.3388,
0.3551


466.7023, 0.3267,
0.3430

 52.9618, 0.3416,
0.3579


121.7138, 0.3346,
0.3509

 37.7723, 0.3450,
0.3613


153.6403, 0.3330,
0.3493

 25.8060, 0.3494,
0.3656


190.7119, 0.3315,
0.3479

 16.6786, 0.3550,
0.3712

233.3132, 0.3303,
0.3466

 10.0056, 0.3628,
0.3789

281.8285, 0.3292,
0.3456

 5.4027, 0.3739,
0.3898

336.6422, 0.3283,

 2.4854, 0.3911,

0.3446

0.4067

398.1387, 0.3275,
0.3438

0.8693, 0.4890,
0.5059

0.0000, 0.0000,
0.0000

71.7590, 0.3388,
0.3551

71.7590, 0.3388,
0.3551

66.6392, 0.3573,
0.3723

77.2569, 0.3220,
0.3385

61.8776, 0.3774,
0.3895

83.1334, 0.3068,
0.3228

57.4662, 0.3986,
0.4060

88.7682, 0.2987,
0.3174

53.3931, 0.4205,
0.4210

93.7739, 0.2988,
0.3256

■ 49.6454, 0.4420,
0.4332

■ 95.9007, 0.2988,
0.3290

■ 46.2087, 0.4622,
0.4415

■ 43.0670, 0.4799,
0.4449

■ 40.2007, 0.4944,
0.4432

■ 39.1118, 0.4996,
0.4415

Harmonies

Analogous

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



71.7590, 0.3448, 0.3458



71.7590, 0.3388, 0.3551



71.7590, 0.3258, 0.3575

Triad

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



71.7590, 0.3388, 0.3551



71.7590, 0.2844, 0.3244



71.7590, 0.3152, 0.3077

Complementary

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



71.7590, 0.3388, 0.3551



62.5416, 0.2874, 0.3015

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.



71.7590, 0.2992, 0.3020



71.7590, 0.3388, 0.3551



71.7590, 0.2817, 0.3111

Square

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



71.7590, 0.3388, 0.3551



71.7590, 0.2945, 0.3394



71.7590, 0.2870, 0.3031



71.7590, 0.3310, 0.3187

Rectangle

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



71.7590, 0.3388, 0.3551



71.7590, 0.3151, 0.3545



71.7590, 0.2870, 0.3031



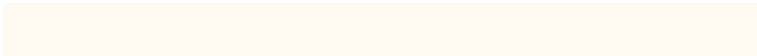
71.7590, 0.3097, 0.3051

Sweetspot

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



71.7622, 0.3388, 0.3551



96.3784, 0.3205, 0.3370



60.7620, 0.3322, 0.3142



20.5221, 0.3216, 0.3381



0.0000, 0.0000, 0.0000



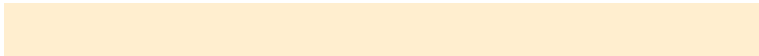
21.4041, 0.3127, 0.3290

Same Dimension

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



71.7622, 0.3388, 0.3551



86.8699, 0.3444, 0.3604



78.0139, 0.3331, 0.3690



15.9194, 0.3276, 0.3442



21.9524, 0.4980, 0.4428



1.7951, 0.4836, 0.4543

Inverse Universe

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



62.5416, 0.2874, 0.3015



73.5108, 0.2822, 0.2955



57.1153, 0.2904, 0.2865



14.7121, 0.2981, 0.3133



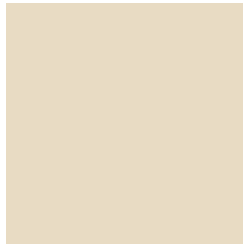
6.7643, 0.1648, 0.1131



0.6695, 0.1729, 0.1424

Previews

White Background



This preview shows how the Yxy color 71.7590, 0.3388, 0.3551 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 71.7590, 0.3388, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

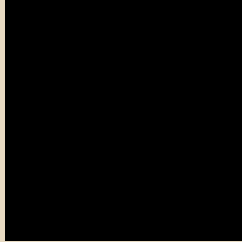
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

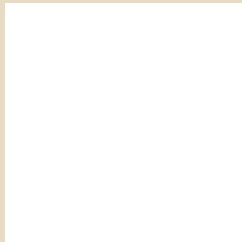
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7590, 0.3388, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 71.7590, 0.3388, 0.3551.

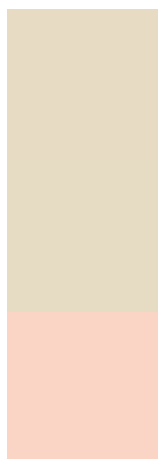


This preview shows how white text looks on a background with the Yxy color 71.7590, 0.3388, 0.3551.

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

71.7590, 0.3388, 0.3551

Protanopia

71.9495, 0.3371, 0.3563

Deuteranopia

71.3965, 0.3532, 0.3458



Tritanopia

71.8672, 0.3179, 0.3113

Trichromacy



Original Color

71.7590, 0.3388, 0.3551

Protanomaly

72.1155, 0.3378, 0.3562

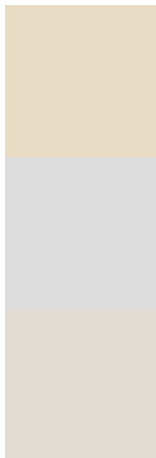
Deuteranomaly

71.6411, 0.3472, 0.3492

Tritanomaly

71.8359, 0.3253, 0.3269

Monochromacy



Original Color

71.7590, 0.3388, 0.3551

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7368, 0.3216, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7590, 0.3388, 0.3551 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(232, 219, 195)` looks like.

```
.text, #text, p{  
    color:rgb(232, 219, 195)  
}
```

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(232, 219, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 219, 195) }
```

Border

The CSS property to change the border of an element to Yxy 71.7590, 0.3388, 0.3551 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(232, 219, 195) }
```

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

```
.border{ border-color:rgb(232, 219, 195) }
```

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

Here you see how a box with a 4 pixel rgb(232, 219, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 219, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 219, 195);  
box-shadow:4px 4px 4px 4px rgb(232, 219,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7590, 0.3388, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 219, 195) }
```

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

```
.background{ background-color: rgb(232,  
219, 195) }
```

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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