

Converting Colors

$Yxy(76.0014, 0.3353, 0.3524)$

Have a look what the booklet for
Yxy(76.0014, 0.3353, 0.3524)
contains.

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Color

Yxy(75.9951, 0.3353, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	ECE1CB
RGB	236, 225, 203
RGB Percent	93%, 88%, 80%
CMY	0.0743, 0.1177, 0.2040
CMYK	0.00, 0.05, 0.14, 0.07
HSL	40°, 47%, 86%
HSV	40°, 14%, 93%
XYZ	72.3075, 75.9951, 67.3475
YIQ	225.7810, 13.6180, -4.5100

Conversions

Conversions Part 2

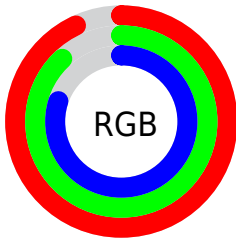
Format	Color
R _Y B	220, 236, 203
Decimal	15524299
CIE Lab	89.86, 0.16, 12.11
CIE LCh	90, 12.108, 89.239
Yxy	75.9951, 0.3353, 0.3524
Android (android.graphics.Color)	4293714379 (0xFFECE1CB)
YUV	225.7810, -11.2310, 8.9621
Hunter-Lab	87.1752, -4.4996, 15.2179

Details

The Yxy color **75.9951, 0.3353, 0.3524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8694, 0.2906, 0.3045**, and the grayscale version is **75.9677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6227, 0.3403, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **70.7871, 0.3534, 0.3699**, and if you desaturate by 10%, it is **81.5786, 0.3188, 0.3355**.

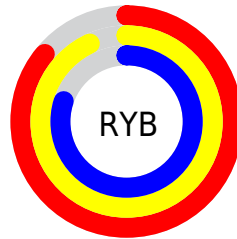
Distribution



Red (93%)

Green (88%)

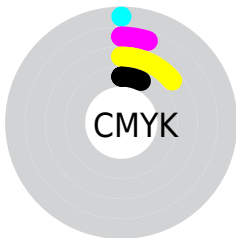
Blue (80%)



Red (86%)

Yellow (93%)

Blue (80%)

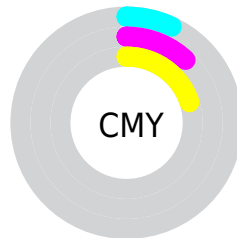


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (7%)



Cyan (7%)


Magenta (12%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9951, 0.3353, 0.3524 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 75.9951, 0.3353, 0.3524 by changing the saturation by 10% instead.


 75.9951, 0.3353,
0.3524

 75.9951, 0.3353,
0.3524


481.3309, 0.3249,
0.3417

 56.4285, 0.3377,
0.3548

127.7200, 0.3317,
0.3487

 40.5466, 0.3405,
0.3578


160.6470, 0.3303,
0.3472

 27.9650, 0.3442,
0.3616


198.7964, 0.3291,
0.3460

 18.2992, 0.3489,
0.3665

242.5524, 0.3281,
0.3449

 11.1650, 0.3554,
0.3731

292.2994, 0.3271,
0.3439

 6.1780, 0.3645,
0.3825

348.4219, 0.3263,

 2.9536, 0.3784,

0.3431

0.3969

411.3043, 0.3256,
0.3423

■ 1.1076, 0.4218,
0.4419

■ 0.0000, 0.0000,
0.0000

■ 75.9951, 0.3353,
0.3524

■ 75.9951, 0.3353,
0.3524

■ 70.7871, 0.3534,
0.3699

■ 81.5786, 0.3188,
0.3355

■ 65.9341, 0.3729,
0.3876

■ 87.5373, 0.3040,
0.3196

■ 61.4284, 0.3936,
0.4047

■ 92.6131, 0.3012,
0.3227

■ 57.2584, 0.4149,
0.4204

■ 96.5815, 0.3012,
0.3290

■ 53.4111, 0.4360,
0.4336

■ 49.8726, 0.4558,
0.4431

■ 46.6268, 0.4733,
0.4478

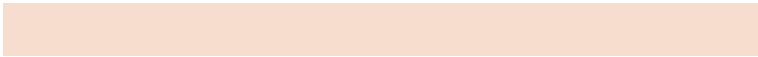
■ 43.6549, 0.4876,
0.4474

■ 41.9893, 0.4950,
0.4452

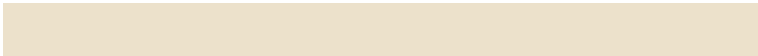
Harmonies

Analogous

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



75.9951, 0.3410, 0.3445



75.9951, 0.3353, 0.3524



75.9951, 0.3236, 0.3540

Triad

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



75.9951, 0.3353, 0.3524



75.9951, 0.2873, 0.3242



75.9951, 0.3158, 0.3105

Complementary

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



75.9951, 0.3353, 0.3524



66.8694, 0.2906, 0.3045

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.



75.9951, 0.3015, 0.3052



75.9951, 0.3353, 0.3524



75.9951, 0.2853, 0.3127

Square

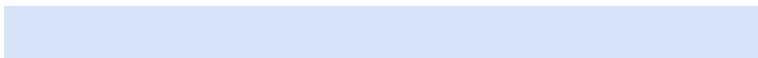
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9951, 0.3353, 0.3524



75.9951, 0.2959, 0.3375



75.9951, 0.2904, 0.3058



75.9951, 0.3296, 0.3205

Rectangle

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



75.9951, 0.3353, 0.3524



75.9951, 0.3140, 0.3512



75.9951, 0.2904, 0.3058



75.9951, 0.3109, 0.3081

Sweetspot

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



75.9985, 0.3353, 0.3524



97.2030, 0.3189, 0.3355



65.4303, 0.3299, 0.3167



20.6946, 0.3200, 0.3368



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.



75.9985, 0.3353, 0.3524



88.6114, 0.3407, 0.3577



81.3351, 0.3302, 0.3641



16.7289, 0.3276, 0.3446



23.3822, 0.4934, 0.4464



2.0119, 0.4806, 0.4566

Inverse Universe

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



66.8694, 0.2906, 0.3045



75.6389, 0.2855, 0.2985



62.1663, 0.2937, 0.2922



15.3721, 0.2980, 0.3129



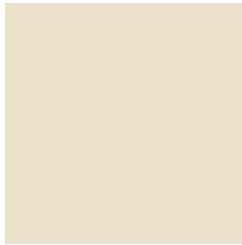
6.6284, 0.1635, 0.1085



0.6919, 0.1711, 0.1361

Previews

White Background



This preview shows how the Yxy color 75.9951, 0.3353, 0.3524 looks on a white background.

Color Contrast Check

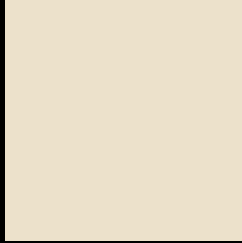
Large Text (above 18pt) WCAG AA × Fail

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 75.9951, 0.3353, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

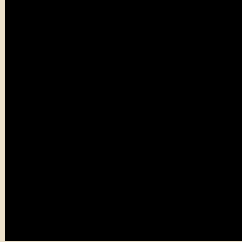
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

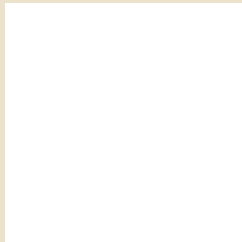
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9951, 0.3353, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 75.9951, 0.3353, 0.3524.

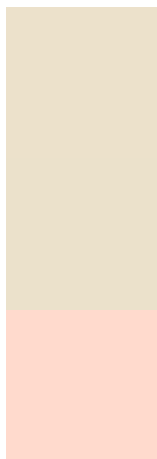


This preview shows how white text looks on a background with the Yxy color 75.9951, 0.3353, 0.3524.

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

75.9951, 0.3353, 0.3524

Protanopia

75.8244, 0.3345, 0.3525

Deuteranopia

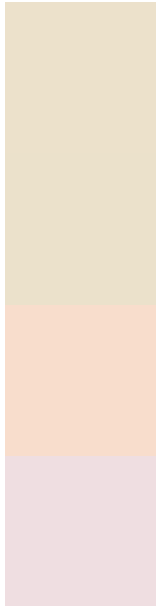
75.8106, 0.3492, 0.3423



Tritanopia

76.0016, 0.3164, 0.3116

Trichromacy



Original Color

75.9951, 0.3353, 0.3524

Protanomaly

75.8244, 0.3345, 0.3525

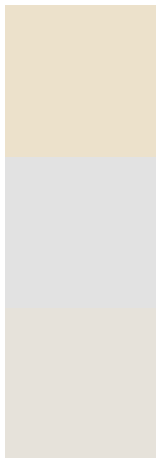
Deuteranomaly

76.0290, 0.3441, 0.3467

Tritanomaly

76.0295, 0.3228, 0.3259

Monochromacy



Original Color

75.9951, 0.3353, 0.3524

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2777, 0.3207, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9951, 0.3353, 0.3524 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(236, 225, 203)` looks like.

```
.text, #text, p{  
    color:rgb(236, 225, 203)  
}
```

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(236, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 225, 203) }
```

Border

The CSS property to change the border of an element to Yxy 75.9951, 0.3353, 0.3524 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(236, 225, 203) }
```

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

```
.border{ border-color:rgb(236, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(236, 225,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9951, 0.3353, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 225, 203) }
```

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

```
.background{ background-color: rgb(236,  
225, 203) }
```

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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