

Converting Colors

$Y_{xy}(75.5013, 0.3226, 0.3469)$

Have a look what the booklet for
Yxy(75.5013, 0.3226, 0.3469)
contains.

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Color

Yxy(75.5989, 0.3224, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	E1E3D2
RGB	225, 227, 210
RGB Percent	88%, 89%, 82%
CMY	0.1175, 0.1098, 0.1765
CMYK	0.01, 0.00, 0.07, 0.11
HSL	67°, 23%, 86%
HSV	67°, 7%, 89%
XYZ	70.1586, 75.5989, 71.8559
YIQ	224.4640, 4.2650, -5.7110

Conversions

Conversions Part 2

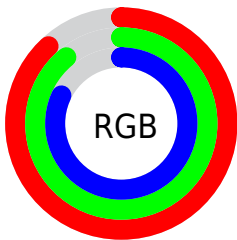
Format	Color
R _Y B	210, 227, 212
Decimal	14803922
CIE Lab	89.67, -3.61, 8.07
CIE LCh	90, 8.840, 114.118
Yxy	75.5989, 0.3224, 0.3474
Android (android.graphics.Color)	4292994002 (0xFFE1E3D2)
YUV	224.4640, -7.1308, 0.4701
Hunter-Lab	86.9476, -8.1256, 11.8644

Details

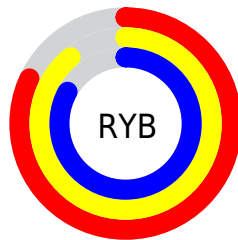
The Yxy color **75.5989, 0.3224, 0.3474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6215, 0.3026, 0.3101**, and the grayscale version is **74.9444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4514, 0.3244, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **74.1312, 0.3356, 0.3729**, and if you desaturate by 10%, it is **77.2401, 0.3095, 0.3230**.

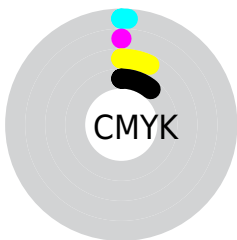
Distribution



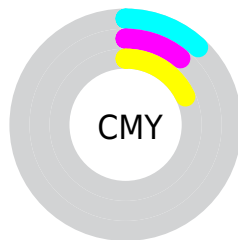
- Red (88%)
- Green (89%)
- Blue (82%)



- Red (82%)
- Yellow (89%)
- Blue (83%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5989, 0.3224, 0.3474 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 75.5989, 0.3224, 0.3474 by changing the saturation by 10% instead.

■ 75.5989, 0.3224,
0.3474

■ 75.5989, 0.3224,
0.3474

479.9735, 0.3180,
0.3389

■ 56.1037, 0.3234,
0.3494

127.1598, 0.3209,
0.3444

■ 40.2860, 0.3246,
0.3518

159.9942, 0.3203,
0.3433

■ 27.7616, 0.3262,
0.3548

198.0438, 0.3198,
0.3423

■ 18.1461, 0.3282,
0.3588

241.6930, 0.3193,
0.3414

■ 11.0549, 0.3309,
0.3643

291.3262, 0.3189,
0.3407

■ 6.1038, 0.3347,
0.3722

347.3277, 0.3186,

■ 2.9083, 0.3405,

0.3400

0.3847

410.0821, 0.3183,
0.3394

■ 1.0840, 0.3562,
0.4140

■ 0.0000, 0.0000,
0.0000

■ 75.5989, 0.3224,
0.3474

■ 75.5989, 0.3224,
0.3474

■ 74.1312, 0.3356,
0.3729

■ 77.2401, 0.3095,
0.3230

■ 72.8205, 0.3487,
0.3988

■ 79.0266, 0.2975,
0.3005


■ 71.6627, 0.3613,
0.4245

■ 79.4648, 0.2992,
0.3006


■ 70.6501, 0.3729,
0.4489


■ 79.9096, 0.3009,
0.3008


 69.7742, 0.3829,
0.4709


 80.3610, 0.3027,
0.3009

 69.0256, 0.3907,
0.4897

 80.8190, 0.3044,
0.3011


 68.3935, 0.3960,
0.5043

 81.2836, 0.3062,
0.3012

 67.8653, 0.3987,
0.5145

 81.7549, 0.3079,
0.3014

 67.4242, 0.3990,
0.5204

 82.2330, 0.3097,
0.3015

Harmonies

Analogous

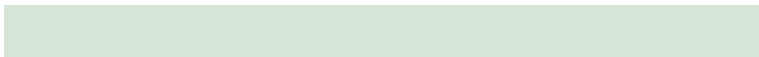
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5989, 0.3303, 0.3454



75.5989, 0.3224, 0.3474



75.5989, 0.3120, 0.3442

Triad

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



75.5989, 0.3224, 0.3474



75.5989, 0.2924, 0.3184



75.5989, 0.3235, 0.3214

Complementary

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



75.5989, 0.3224, 0.3474



65.6215, 0.3026, 0.3101

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.



75.5989, 0.3132, 0.3144



75.5989, 0.3224, 0.3474



75.5989, 0.2953, 0.3126

Square

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



75.5989, 0.3224, 0.3474



75.5989, 0.2948, 0.3273



75.5989, 0.3029, 0.3112



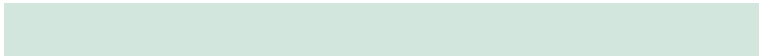
75.5989, 0.3310, 0.3303

Rectangle

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



75.5989, 0.3224, 0.3474



75.5989, 0.3051, 0.3396



75.5989, 0.3029, 0.3112



75.5989, 0.3202, 0.3187

Sweetspot

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



75.6022, 0.3224, 0.3474



99.5642, 0.3153, 0.3339



67.9131, 0.3253, 0.3309



21.3154, 0.3152, 0.3336



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.



75.6022, 0.3224, 0.3474



98.1093, 0.3244, 0.3513



74.3092, 0.3166, 0.3477



16.7282, 0.3250, 0.3523



39.2953, 0.3992, 0.5212



2.9279, 0.4023, 0.5188

Inverse Universe

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



65.6215, 0.3026, 0.3101



82.5731, 0.3004, 0.3059



66.8773, 0.3086, 0.3104



13.9665, 0.2998, 0.3048



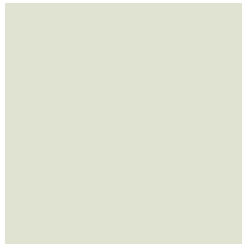
3.3900, 0.1543, 0.0623



0.2771, 0.1638, 0.0676

Previews

White Background



This preview shows how the Yxy color 75.5989, 0.3224, 0.3474 looks on a white background.

Color Contrast Check

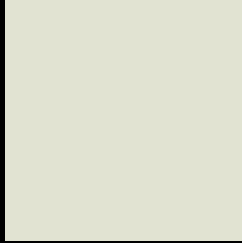
Large Text (above 18pt) WCAG AA × Fail

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 75.5989, 0.3224, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

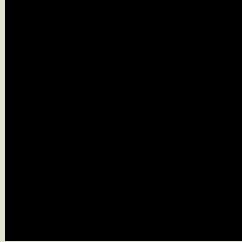
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

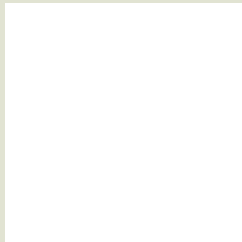
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5989, 0.3224, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 75.5989, 0.3224, 0.3474.

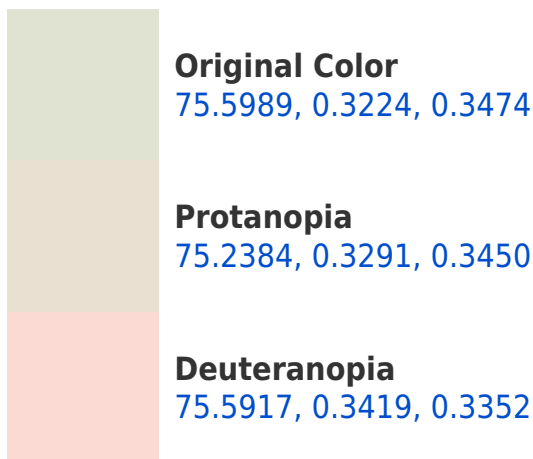


This preview shows how white text looks on a background with the Yxy color 75.5989, 0.3224, 0.3474.

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

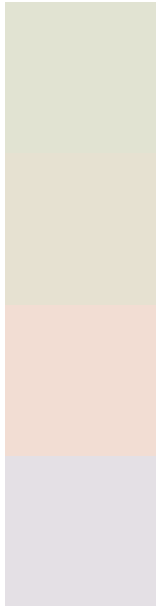




Tritanopia

75.7246, 0.3059, 0.3113

Trichromacy



Original Color

75.5989, 0.3224, 0.3474

Protanomaly

75.2769, 0.3268, 0.3462

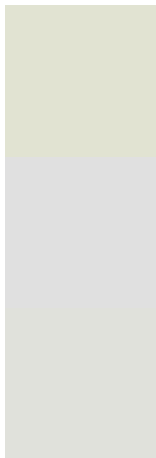
Deuteranomaly

75.2933, 0.3347, 0.3395

Tritanomaly

75.4624, 0.3123, 0.3237

Monochromacy



Original Color

75.5989, 0.3224, 0.3474

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8122, 0.3159, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5989, 0.3224, 0.3474 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(225, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 210)  
}
```

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(225, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 210) }
```

Border

The CSS property to change the border of an element to Yxy 75.5989, 0.3224, 0.3474 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(225, 227, 210) }
```

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

```
.border{ border-color:rgb(225, 227, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 227, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5989, 0.3224, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 227, 210) }
```

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

```
.background{ background-color: rgb(225,  
227, 210) }
```

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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