

Converting Colors

$Yxy(75.4507, 0.3243, 0.3507)$

Have a look what the booklet for
Yxy(75.4507, 0.3243, 0.3507)
contains.

Yxy(75.4507, 0.3243, 0.3507)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.4507, 0.3243, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	E1E3CF
RGB	225, 227, 207
RGB Percent	88%, 89%, 81%
CMY	0.1179, 0.1097, 0.1882
CMYK	0.01, 0.00, 0.09, 0.11
HSL	66°, 26%, 85%
HSV	66°, 9%, 89%
XYZ	69.7709, 75.4507, 69.9215
YIQ	224.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

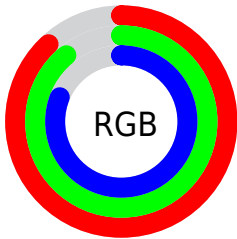
Format	Color
R_{YB}	207, 227, 209
Decimal	14803919
CIE Lab	89.60, -4.15, 9.53
CIE LCh	90, 10.390, 113.531
Yxy	75.4507, 0.3243, 0.3507
Android (android.graphics.Color)	4292993999 (0xFFE1E3CF)
YUV	224.1220, -8.4411, 0.7700
Hunter-Lab	86.8624, -8.6316, 13.0770

Details

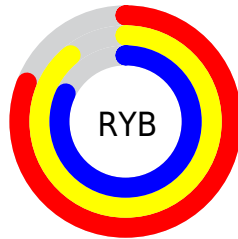
The Yxy color **75.4507, 0.3243, 0.3507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7439, 0.3006, 0.3065**, and the grayscale version is **74.6887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3510, 0.3270, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **74.0467, 0.3377, 0.3762**, and if you desaturate by 10%, it is **77.0262, 0.3112, 0.3262**.

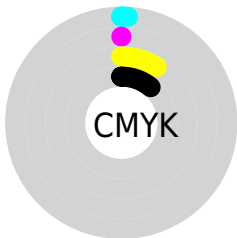
Distribution



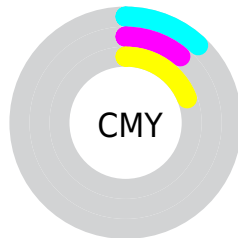
- Red (88%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (82%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4507, 0.3243, 0.3507 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 75.4507, 0.3243, 0.3507 by changing the saturation by 10% instead.

■ 75.4507, 0.3243,
0.3507

■ 75.4507, 0.3243,
0.3507

479.4653, 0.3190,
0.3406

■ 55.9822, 0.3255,
0.3530

126.9501, 0.3225,
0.3472

■ 40.1887, 0.3270,
0.3559

159.7499, 0.3218,
0.3458

■ 27.6857, 0.3288,
0.3595

197.7621, 0.3212,
0.3447

■ 18.0888, 0.3312,
0.3642

241.3713, 0.3206,
0.3437

■ 11.0138, 0.3344,
0.3707

290.9618, 0.3201,
0.3428

■ 6.0761, 0.3389,
0.3801

346.9181, 0.3197,

■ 2.8914, 0.3458,

0.3420

0.3949

409.6244, 0.3193,
0.3413

■ 1.0753, 0.3677,
0.4339

■ 0.0000, 0.0000,
0.0000

■ 75.4507, 0.3243,
0.3507

■ 75.4507, 0.3243,
0.3507

■ 74.0467, 0.3377,
0.3762

■ 77.0262, 0.3112,
0.3262

■ 72.7975, 0.3510,
0.4021


■ 78.7696, 0.2986,
0.3030


■ 71.6990, 0.3638,
0.4275

■ 79.3263, 0.2986,
0.3006


■ 70.7435, 0.3754,
0.4515


■ 79.7227, 0.3002,
0.3007


 69.9222, 0.3853,
0.4729


 80.1245, 0.3017,
0.3009


 69.2256, 0.3930,
0.4909


 80.5315, 0.3033,
0.3010


 68.6429, 0.3982,
0.5047

 80.9438, 0.3048,
0.3011

 68.1610, 0.4008,
0.5140

 81.3616, 0.3064,
0.3013

 67.7605, 0.4010,
0.5193

 81.7846, 0.3080,
0.3014

Harmonies

Analogous

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



75.4507, 0.3335, 0.3482



75.4507, 0.3243, 0.3507



75.4507, 0.3121, 0.3471

Triad

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



75.4507, 0.3243, 0.3507



75.4507, 0.2889, 0.3167



75.4507, 0.3252, 0.3198

Complementary

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



75.4507, 0.3243, 0.3507



63.7439, 0.3006, 0.3065

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.



75.4507, 0.3130, 0.3118



75.4507, 0.3243, 0.3507



75.4507, 0.2922, 0.3098

Square

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



75.4507, 0.3243, 0.3507



75.4507, 0.2918, 0.3271



75.4507, 0.3009, 0.3081



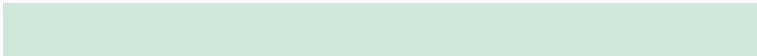
75.4507, 0.3341, 0.3303

Rectangle

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



75.4507, 0.3243, 0.3507



75.4507, 0.3039, 0.3417



75.4507, 0.3009, 0.3081



75.4507, 0.3213, 0.3168

Sweetspot

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



75.4540, 0.3243, 0.3507



99.3670, 0.3166, 0.3363



66.4451, 0.3278, 0.3312



21.2331, 0.3177, 0.3383



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.



75.4540, 0.3243, 0.3507



97.7761, 0.3273, 0.3564



73.9040, 0.3173, 0.3512



16.7373, 0.3252, 0.3523



39.5137, 0.4013, 0.5196



2.9419, 0.4041, 0.5174

Inverse Universe

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



63.7439, 0.3006, 0.3065



78.9302, 0.2972, 0.3004



65.2392, 0.3078, 0.3070



13.9583, 0.2996, 0.3048



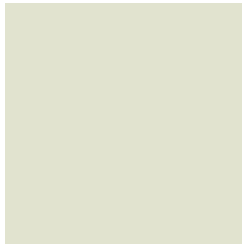
3.3679, 0.1537, 0.0620



0.2731, 0.1624, 0.0668

Previews

White Background



This preview shows how the Yxy color 75.4507, 0.3243, 0.3507 looks on a white background.

Color Contrast Check

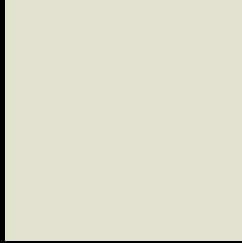
Large Text (above 18pt) WCAG AA × Fail

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 75.4507, 0.3243, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

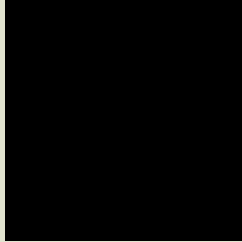
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

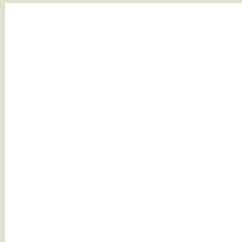
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4507, 0.3243, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 75.4507, 0.3243, 0.3507.



This preview shows how white text looks on a background with the Yxy color 75.4507, 0.3243, 0.3507.

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

75.4507, 0.3243, 0.3507

Protanopia

75.2600, 0.3319, 0.3482

Deuteranopia

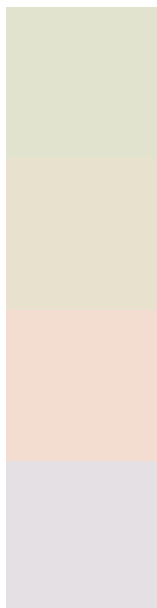
75.1118, 0.3450, 0.3373



Tritanopia

75.3568, 0.3066, 0.3102

Trichromacy



Original Color

75.4507, 0.3243, 0.3507

Protanomaly

75.2956, 0.3296, 0.3494

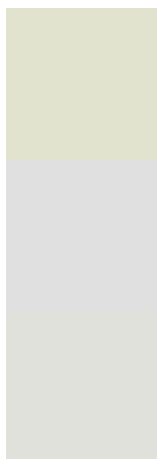
Deuteranomaly

75.3217, 0.3376, 0.3426

Tritanomaly

75.4067, 0.3129, 0.3248

Monochromacy



Original Color

75.4507, 0.3243, 0.3507

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.7597, 0.3166, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4507, 0.3243, 0.3507 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(225, 227, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 227, 207) }
```

Border

The CSS property to change the border of an element to Yxy 75.4507, 0.3243, 0.3507 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, 207) }
```

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

```
.border{ border-color:rgb(225, 227, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(225, 227,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4507, 0.3243, 0.3507 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, 207) }
```

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

```
.background{ background-color: rgb(225,  
227, 207) }
```

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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