

Converting Colors

$Yxy(75.8027, 0.3214, 0.3428)$

Have a look what the booklet for
Yxy(75.8027, 0.3214, 0.3428)
contains.

Yxy(75.5786, 0.3212, 0.3419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(75.5786, 0.3212, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	E3E2D6
RGB	227, 226, 214
RGB Percent	89%, 89%, 84%
CMY	0.1100, 0.1137, 0.1607
CMYK	0.00, 0.00, 0.06, 0.11
HSL	56°, 19%, 86%
HSV	56°, 6%, 89%
XYZ	71.0028, 75.5786, 74.4733
YIQ	224.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

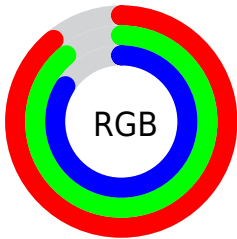
Format	Color
R _Y B	215, 227, 214
Decimal	14934742
CIE Lab	89.66, -1.77, 5.96
CIE LCh	90, 6.219, 106.498
Yxy	75.5786, 0.3212, 0.3419
Android (android.graphics.Color)	4293124822 (0xFFE3E2D6)
YUV	224.9310, -5.3890, 1.8145
Hunter-Lab	86.9360, -6.3525, 10.0646

Details

The Yxy color **75.5786, 0.3212, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4177, 0.3041, 0.3158**, and the grayscale version is **75.2781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3997, 0.3238, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **73.6135, 0.3366, 0.3652**, and if you desaturate by 10%, it is **77.7203, 0.3065, 0.3195**.

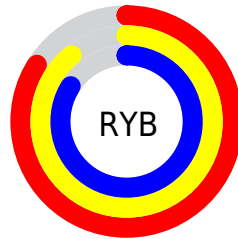
Distribution



Red (89%)

Green (89%)

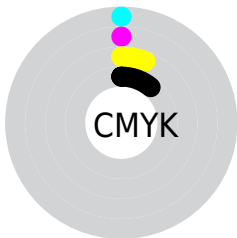
Blue (84%)



Red (84%)

Yellow (89%)

Blue (84%)

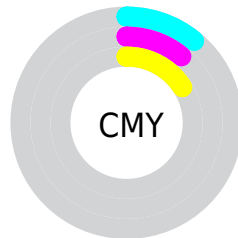


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (11%)



Cyan (11%)

Magenta (11%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5786, 0.3212, 0.3419 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 75.5786, 0.3212, 0.3419 by changing the saturation by 10% instead.

■ 75.5786, 0.3212,
0.3419

■ 75.5786, 0.3212,
0.3419

479.9039, 0.3173,
0.3360

■ 56.0870, 0.3221,
0.3433

127.1311, 0.3199,
0.3398

■ 40.2727, 0.3232,
0.3449

159.9607, 0.3193,
0.3390

■ 27.7512, 0.3245,
0.3471

198.0052, 0.3189,
0.3383

■ 18.1382, 0.3263,
0.3498

241.6490, 0.3185,
0.3377

■ 11.0493, 0.3287,
0.3536

291.2763, 0.3181,
0.3372

■ 6.1000, 0.3322,
0.3591

347.2716, 0.3178,

■ 2.9060, 0.3375,

0.3367

0.3677

410.0194, 0.3176,
0.3363

■ 1.0828, 0.3488,
0.3852

■ 0.0000, 0.0000,
0.0000

■ 75.5786, 0.3212,
0.3419

■ 75.5786, 0.3212,
0.3419

■ 73.6135, 0.3366,
0.3652

■ 77.7203, 0.3065,
0.3195

■ 71.8086, 0.3525,
0.3888

■ 79.7481, 0.2954,
0.3027

■ 70.1601, 0.3684,
0.4120

■ 80.6620, 0.2954,
0.3044

■ 68.6601, 0.3836,
0.4339

■ 81.5846, 0.2954,
0.3061

67.3005, 0.3977,
0.4535

82.5157, 0.2954,
0.3078

66.0719, 0.4099,
0.4699

83.4555, 0.2955,
0.3095

64.9639, 0.4198,
0.4823

84.4040, 0.2955,
0.3112

63.9643, 0.4269,
0.4903

85.3612, 0.2955,
0.3129

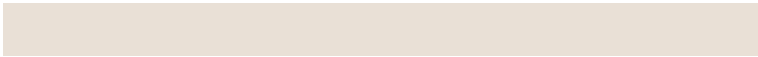
63.0582, 0.4313,
0.4939

86.3271, 0.2955,
0.3146

Harmonies

Analogous

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



75.5786, 0.3260, 0.3397



75.5786, 0.3212, 0.3419



75.5786, 0.3142, 0.3406

Triad

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



75.5786, 0.3212, 0.3419



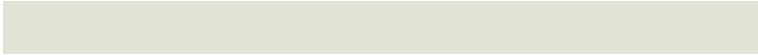
75.5786, 0.2985, 0.3230



75.5786, 0.3186, 0.3222

Complementary

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



75.5786, 0.3212, 0.3419



68.4177, 0.3041, 0.3158

Split Complementary

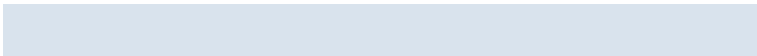
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5786, 0.3111, 0.3178



75.5786, 0.3212, 0.3419



75.5786, 0.2996, 0.3182

Square

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



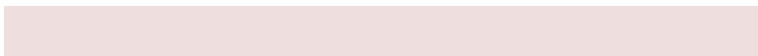
75.5786, 0.3212, 0.3419



75.5786, 0.3011, 0.3296



75.5786, 0.3042, 0.3164



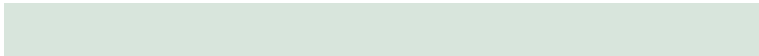
75.5786, 0.3245, 0.3283

Rectangle

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



75.5786, 0.3212, 0.3419



75.5786, 0.3092, 0.3378



75.5786, 0.3042, 0.3164



75.5786, 0.3162, 0.3205

Sweetspot

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



75.5819, 0.3212, 0.3419



99.4408, 0.3157, 0.3335



69.3353, 0.3215, 0.3279



21.2903, 0.3155, 0.3333



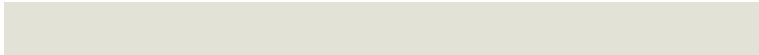
0.0000, 0.0000, 0.0000



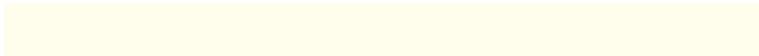
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5819, 0.3212, 0.3419



98.0826, 0.3232, 0.3450



75.2293, 0.3173, 0.3430



16.7137, 0.3240, 0.3462



36.6497, 0.4325, 0.4948



2.7619, 0.4304, 0.4965

Inverse Universe

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



68.4177, 0.3041, 0.3158



86.6562, 0.3019, 0.3125



68.7675, 0.3079, 0.3149



14.6262, 0.3011, 0.3112



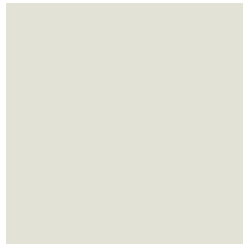
3.5199, 0.1513, 0.0647



0.3191, 0.1549, 0.0775

Previews

White Background



This preview shows how the Yxy color 75.5786, 0.3212, 0.3419 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 75.5786, 0.3212, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

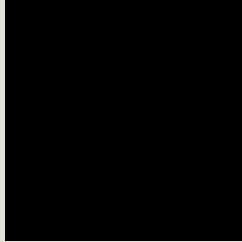
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

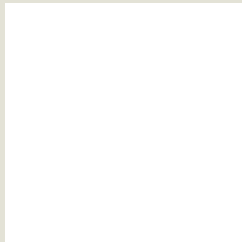
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5786, 0.3212, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 75.5786, 0.3212, 0.3419.

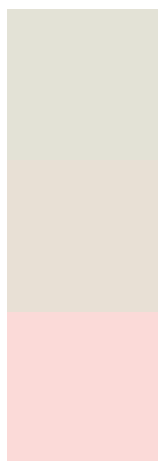


This preview shows how white text looks on a background with the Yxy color 75.5786, 0.3212, 0.3419.

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

75.5786, 0.3212, 0.3419

Protanopia

75.2712, 0.3257, 0.3407

Deuteranopia

75.6099, 0.3383, 0.3311



Tritanopia

75.5227, 0.3073, 0.3103

Trichromacy



Original Color

75.5786, 0.3212, 0.3419

Protanomaly

75.4775, 0.3241, 0.3418

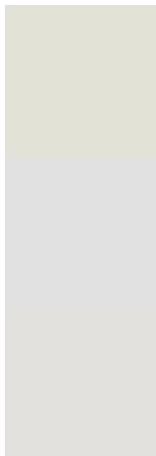
Deuteranomaly

75.4964, 0.3319, 0.3353

Tritanomaly

75.3679, 0.3124, 0.3206

Monochromacy



Original Color

75.5786, 0.3212, 0.3419

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.2396, 0.3160, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5786, 0.3212, 0.3419 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(227, 226, 214)` looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 214)  
}
```

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(227, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 214) }
```

Border

The CSS property to change the border of an element to Yxy 75.5786, 0.3212, 0.3419 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(227, 226, 214) }
```

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

```
.border{ border-color:rgb(227, 226, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 226, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5786, 0.3212, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 214) }
```

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

```
.background{ background-color: rgb(227,  
226, 214) }
```

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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