

Converting Colors

$Y_{xy}(76.5884, 0.3205, 0.3395)$

Have a look what the booklet for
Yxy(76.5884, 0.3205, 0.3395)
contains.

Yxy(76.6059, 0.3206, 0.3397)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.6059, 0.3206, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	E5E3D9
RGB	229, 227, 217
RGB Percent	90%, 89%, 85%
CMY	0.1020, 0.1097, 0.1491
CMYK	0.00, 0.01, 0.05, 0.10
HSL	50°, 19%, 87%
HSV	50°, 5%, 90%
XYZ	72.2987, 76.6059, 76.6059
YIQ	226.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

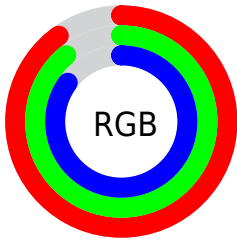
Format	Color
R _Y B	219, 229, 217
Decimal	15066073
CIE Lab	90.14, -1.08, 5.12
CIE LCh	90, 5.230, 101.882
Yxy	76.6059, 0.3206, 0.3397
Android (android.graphics.Color)	4293256153 (0xFFE5E3D9)
YUV	226.4580, -4.6628, 2.2293
Hunter-Lab	87.5248, -5.7209, 9.3739

Details

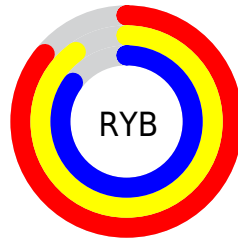
The Yxy color **76.6059, 0.3206, 0.3397** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0372, 0.3048, 0.3181**, and the grayscale version is **76.4330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1124, 0.3230, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **73.4718, 0.3364, 0.3608**, and if you desaturate by 10%, it is **79.9565, 0.3058, 0.3195**.

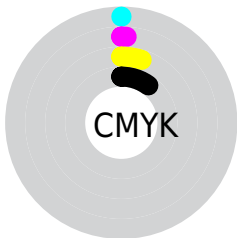
Distribution



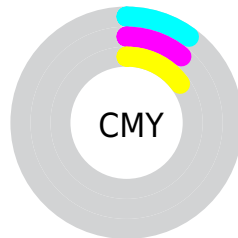
- Red (90%)
- Green (89%)
- Blue (85%)



- Red (86%)
- Yellow (90%)
- Blue (85%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6059, 0.3206, 0.3397 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 76.6059, 0.3206, 0.3397 by changing the saturation by 10% instead.

■ 76.6059, 0.3206,
0.3397

■ 76.6059, 0.3206,
0.3397

483.4193, 0.3170,
0.3348

■ 56.9295, 0.3214,
0.3408

128.5830, 0.3194,
0.3380

■ 40.9486, 0.3224,
0.3422

161.6525, 0.3189,
0.3373

■ 28.2789, 0.3237,
0.3439

199.9551, 0.3184,
0.3368

■ 18.5360, 0.3253,
0.3462

243.8753, 0.3181,
0.3363

■ 11.3355, 0.3276,
0.3493

293.7974, 0.3178,
0.3358

■ 6.2930, 0.3308,
0.3537

350.1059, 0.3175,

■ 3.0240, 0.3357,

0.3354

0.3606

413.1850, 0.3172,
0.3351

■ 1.1443, 0.3447,
0.3733

■ 0.0155, 0.0000,
1.0000

■ 76.6059, 0.3206,
0.3397

■ 76.6059, 0.3206,
0.3397

■ 73.4718, 0.3364,
0.3608

■ 79.9565, 0.3058,
0.3195

■ 70.5373, 0.3531,
0.3824

■ 83.0095, 0.2967,
0.3082

■ 67.7982, 0.3703,
0.4038

■ 85.1716, 0.2968,
0.3120

■ 65.2463, 0.3874,
0.4242

■ 87.3790, 0.2968,
0.3159

62.8729, 0.4038,
0.4427

89.6322, 0.2969,
0.3197

60.6684, 0.4188,
0.4581

91.9313, 0.2969,
0.3235

58.6218, 0.4317,
0.4697

94.2767, 0.2969,
0.3272

56.7206, 0.4419,
0.4768

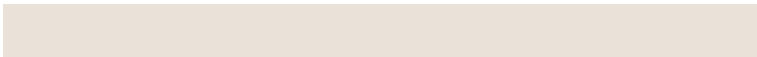
95.3944, 0.2970,
0.3290

54.9493, 0.4492,
0.4793

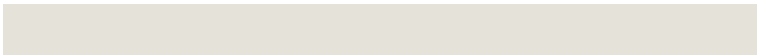
Harmonies

Analogous

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



76.6059, 0.3242, 0.3375



76.6059, 0.3206, 0.3397



76.6059, 0.3149, 0.3390

Triad

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



76.6059, 0.3206, 0.3397



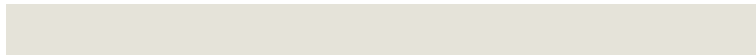
76.6059, 0.3009, 0.3248



76.6059, 0.3167, 0.3226

Complementary

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



76.6059, 0.3206, 0.3397



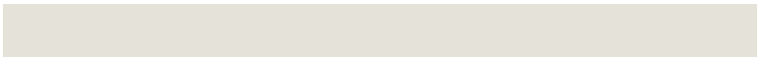
71.0372, 0.3048, 0.3181

Split Complementary

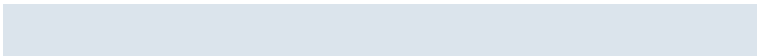
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6059, 0.3104, 0.3193



76.6059, 0.3206, 0.3397



76.6059, 0.3014, 0.3205

Square

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



76.6059, 0.3206, 0.3397



76.6059, 0.3036, 0.3304



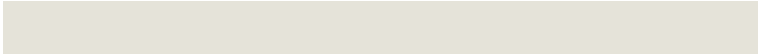
76.6059, 0.3048, 0.3185



76.6059, 0.3219, 0.3276

Rectangle

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



76.6059, 0.3206, 0.3397



76.6059, 0.3107, 0.3370



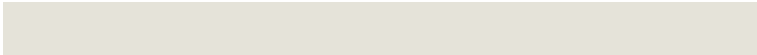
76.6059, 0.3048, 0.3185



76.6059, 0.3147, 0.3212

Sweetspot

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



76.6092, 0.3206, 0.3397



99.1446, 0.3157, 0.3331



71.3825, 0.3201, 0.3269



21.2300, 0.3156, 0.3329



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.



76.6092, 0.3206, 0.3397



97.4666, 0.3218, 0.3414



77.0391, 0.3176, 0.3419



16.5912, 0.3227, 0.3426



31.1123, 0.4514, 0.4798



2.4066, 0.4459, 0.4841

Inverse Universe

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



71.0372, 0.3048, 0.3181



89.3182, 0.3035, 0.3163



70.6394, 0.3076, 0.3160



15.0722, 0.3026, 0.3151



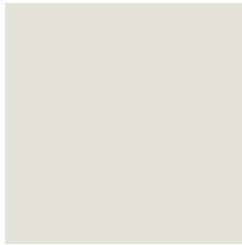
4.1233, 0.1540, 0.0745



0.4202, 0.1606, 0.0981

Previews

White Background



This preview shows how the Yxy color 76.6059, 0.3206, 0.3397 looks on a white background.

Color Contrast Check

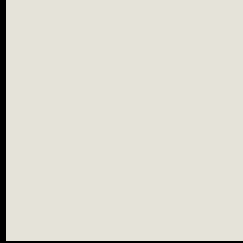
Large Text (above 18pt) WCAG AA × Fail

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 76.6059, 0.3206, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

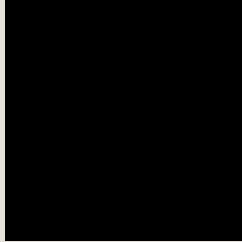
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

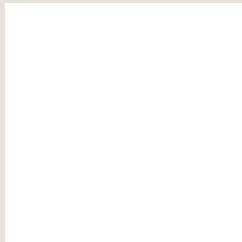
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6059, 0.3206, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 76.6059, 0.3206, 0.3397.

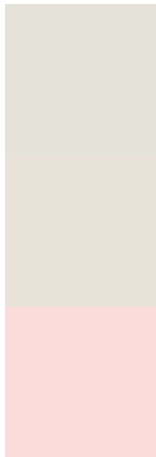


This preview shows how white text looks on a background with the Yxy color 76.6059, 0.3206, 0.3397.

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

76.6059, 0.3206, 0.3397

Protanopia

76.6742, 0.3242, 0.3396

Deuteranopia

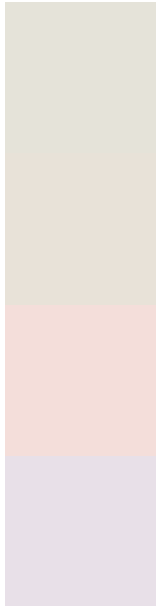
76.4730, 0.3368, 0.3291



Tritanopia

76.4499, 0.3080, 0.3104

Trichromacy



Original Color

76.6059, 0.3206, 0.3397

Protanomaly

76.5064, 0.3235, 0.3396

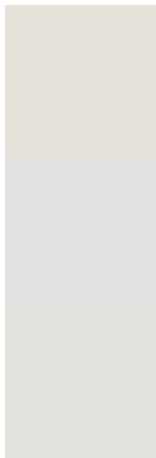
Deuteranomaly

76.5376, 0.3312, 0.3332

Tritanomaly

76.2933, 0.3131, 0.3206

Monochromacy



Original Color

76.6059, 0.3206, 0.3397

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0513, 0.3154, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6059, 0.3206, 0.3397 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(229, 227, 217)` looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 217)  
}
```

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(229, 227, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 217) }
```

Border

The CSS property to change the border of an element to Yxy 76.6059, 0.3206, 0.3397 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(229, 227, 217) }
```

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

```
.border{ border-color:rgb(229, 227, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 227, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 227, 217);  
box-shadow:4px 4px 4px 4px rgb(229, 227,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6059, 0.3206, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 217) }
```

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

```
.background{ background-color: rgb(229,  
227, 217) }
```

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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