

Converting Colors

$Yxy(75.9473, 0.3259, 0.3435)$

Have a look what the booklet for
Yxy(75.9473, 0.3259, 0.3435)
contains.

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Color

Yxy(76.3020, 0.3261, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	E8E2D4
RGB	232, 226, 212
RGB Percent	91%, 89%, 83%
CMY	0.0903, 0.1137, 0.1685
CMYK	0.00, 0.03, 0.09, 0.09
HSL	42°, 30%, 87%
HSV	42°, 9%, 91%
XYZ	72.3527, 76.3020, 73.2180
YIQ	226.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

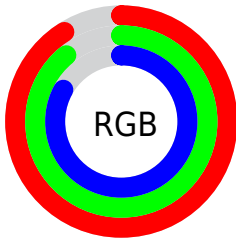
Format	Color
RYB	221, 232, 212
Decimal	15262420
CIELab	90.00, -0.36, 7.54
CIElCh	90, 7.546, 92.715
Yxy	76.3020, 0.3261, 0.3439
Android (android.graphics.Color)	4293452500 (0xFFE8E2D4)
YUV	226.1980, -6.9996, 5.0884
Hunter-Lab	87.3510, -5.0131, 11.4486

Details

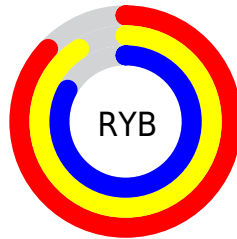
The Yxy color **76.3020, 0.3261, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.9563, 0.2994, 0.3136**, and the grayscale version is **76.2511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7902, 0.3293, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **71.5272, 0.3431, 0.3620**, and if you desaturate by 10%, it is **81.4037, 0.3106, 0.3266**.

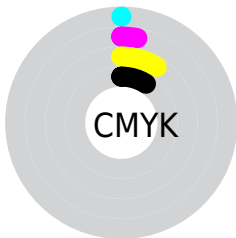
Distribution



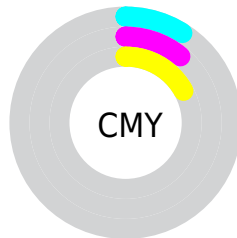
- Red (91%)
- Green (89%)
- Blue (83%)



- Red (87%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3020, 0.3261, 0.3439 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 76.3020, 0.3261, 0.3439 by changing the saturation by 10% instead.

■ 76.3020, 0.3261,
0.3439

■ 76.3020, 0.3261,
0.3439

482.3809, 0.3200,
0.3371

■ 56.6802, 0.3275,
0.3455

128.1537, 0.3240,
0.3415

■ 40.7485, 0.3292,
0.3474

161.1524, 0.3231,
0.3406

■ 28.1226, 0.3314,
0.3498

199.3788, 0.3224,
0.3398

■ 18.4181, 0.3342,
0.3529

243.2174, 0.3218,
0.3391

■ 11.2506, 0.3380,
0.3572

293.0525, 0.3213,
0.3385

■ 6.2357, 0.3435,
0.3633

349.2685, 0.3208,

■ 2.9889, 0.3519,

0.3380

412.2498, 0.3203,
0.3375

0.3728

1.1259, 0.3701,
0.3931

0.0000, 0.0000,
0.0000

76.3020, 0.3261,
0.3439

76.3020, 0.3261,
0.3439

71.5272, 0.3431,
0.3620

81.4037, 0.3106,
0.3266

67.0605, 0.3614,
0.3805

86.6085, 0.2987,
0.3138

62.8956, 0.3809,
0.3988

90.7599, 0.2987,
0.3208

59.0226, 0.4011,
0.4162

95.0685, 0.2987,
0.3277

■ 55.4304, 0.4212,
0.4315

■ 95.8900, 0.2987,
0.3290

■ 52.1072, 0.4403,
0.4438

■ 49.0394, 0.4576,
0.4518

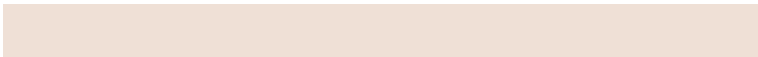
■ 46.2117, 0.4722,
0.4550

■ 43.6020, 0.4836,
0.4534

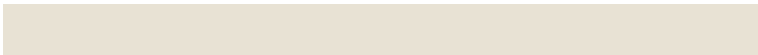
Harmonies

Analogous

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



76.3020, 0.3301, 0.3395



76.3020, 0.3261, 0.3439



76.3020, 0.3186, 0.3443

Triad

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



76.3020, 0.3261, 0.3439



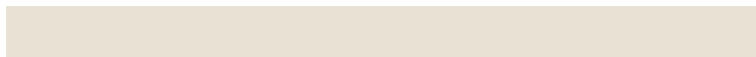
76.3020, 0.2964, 0.3252



76.3020, 0.3157, 0.3180

Complementary

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



76.3020, 0.3261, 0.3439



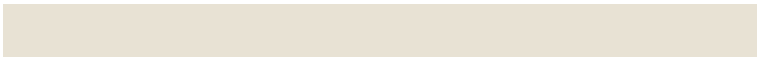
69.9563, 0.2994, 0.3136

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.



76.3020, 0.3067, 0.3142



76.3020, 0.3261, 0.3439



76.3020, 0.2957, 0.3182

Square

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



76.3020, 0.3261, 0.3439



76.3020, 0.3015, 0.3334



76.3020, 0.2994, 0.3143



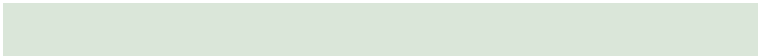
76.3020, 0.3240, 0.3246

Rectangle

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



76.3020, 0.3261, 0.3439



76.3020, 0.3126, 0.3422



76.3020, 0.2994, 0.3143



76.3020, 0.3127, 0.3164

Sweetspot

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



76.3053, 0.3261, 0.3439



98.0689, 0.3173, 0.3341



69.3125, 0.3234, 0.3226



20.8816, 0.3185, 0.3355



0.0000, 0.0000, 0.0000



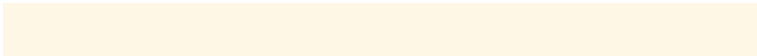
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3053, 0.3261, 0.3439



93.7048, 0.3285, 0.3465



78.9390, 0.3227, 0.3503



16.0527, 0.3275, 0.3454



24.2481, 0.4838, 0.4541



1.9522, 0.4721, 0.4633

Inverse Universe

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



69.9563, 0.2994, 0.3136



84.5930, 0.2971, 0.3109



67.5254, 0.3022, 0.3072



14.5848, 0.2981, 0.3120



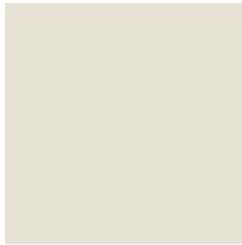
5.8060, 0.1611, 0.0998



0.5870, 0.1691, 0.1286

Previews

White Background



This preview shows how the Yxy color 76.3020, 0.3261, 0.3439 looks on a white background.

Color Contrast Check

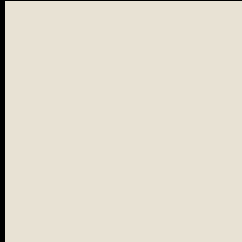
Large Text (above 18pt) WCAG AA × Fail

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 76.3020, 0.3261, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

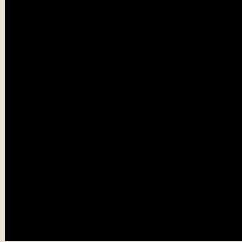
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

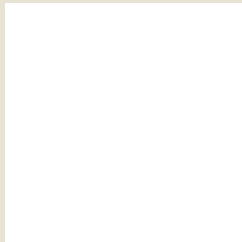
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3020, 0.3261, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 76.3020, 0.3261, 0.3439.

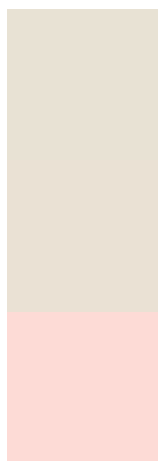


This preview shows how white text looks on a background with the Yxy color 76.3020, 0.3261, 0.3439.

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

76.3020, 0.3261, 0.3439

Protanopia

76.0963, 0.3277, 0.3428

Deuteranopia

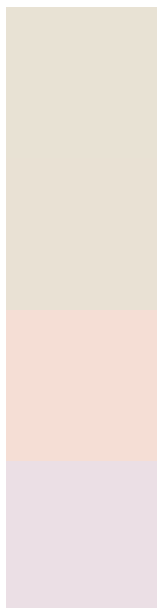
76.4007, 0.3411, 0.3342



Tritanopia

76.3074, 0.3114, 0.3115

Trichromacy



Original Color

76.3020, 0.3261, 0.3439

Protanomaly

75.9275, 0.3270, 0.3428

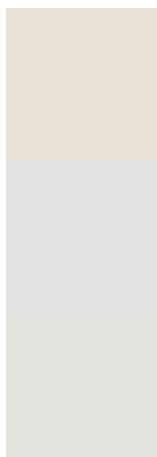
Deuteranomaly

76.4591, 0.3354, 0.3384

Tritanomaly

76.0947, 0.3172, 0.3228

Monochromacy



Original Color

76.3020, 0.3261, 0.3439

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1072, 0.3174, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3020, 0.3261, 0.3439 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(232, 226, 212)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 212)  
}
```

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(232, 226, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 212) }
```

Border

The CSS property to change the border of an element to Yxy 76.3020, 0.3261, 0.3439 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(232, 226, 212) }
```

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

```
.border{ border-color:rgb(232, 226, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3020, 0.3261, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 212) }
```

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

```
.background{ background-color: rgb(232,  
226, 212) }
```

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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