

Converting Colors

$Yxy(76.6482, 0.3255, 0.3319)$

Have a look what the booklet for
Yxy(76.6482, 0.3255, 0.3319)
contains.

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Color

Yxy(76.8825, 0.3253, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	EFE0DD
RGB	239, 224, 221
RGB Percent	94%, 88%, 87%
CMY	0.0630, 0.1215, 0.1334
CMYK	0.00, 0.06, 0.08, 0.06
HSL	10°, 36%, 90%
HSV	10°, 8%, 94%
XYZ	75.2856, 76.8825, 79.2663
YIQ	228.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

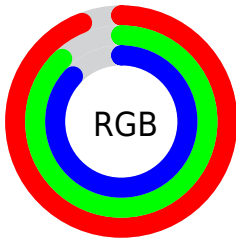
Format	Color
R _Y B	239, 225, 221
Decimal	15720669
CIE Lab	90.27, 4.57, 3.30
CIE LCh	90, 5.642, 35.830
Yxy	76.8825, 0.3253, 0.3322
Android (android.graphics.Color)	4293910749 (0xFFEFE0DD)
YUV	228.1430, -3.5215, 9.5216
Hunter-Lab	87.6827, -0.1820, 7.7789

Details

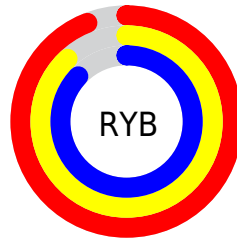
The Yxy color **76.8825, 0.3253, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.5276, 0.3011, 0.3258**, and the grayscale version is **77.7101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1964, 0.3283, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **65.6491, 0.3452, 0.3367**, and if you desaturate by 10%, it is **89.5486, 0.3089, 0.3280**.

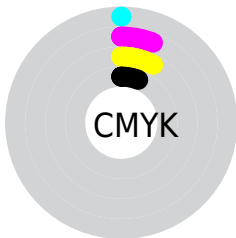
Distribution



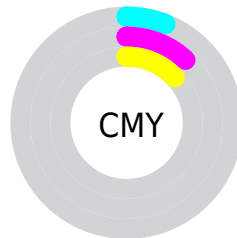
- Red (94%)
- Green (88%)
- Blue (87%)



- Red (94%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (6%)




- Cyan (6%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.8825, 0.3253, 0.3322 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 76.8825, 0.3253, 0.3322 by changing the saturation by 10% instead.


 76.8825, 0.3253,
0.3322

 76.8825, 0.3253,
0.3322


484.3633, 0.3195,
0.3308

 57.1564, 0.3266,
0.3325

128.9736, 0.3233,
0.3317

 41.1309, 0.3282,
0.3329


162.1074, 0.3225,
0.3315

 28.4213, 0.3303,
0.3334


200.4793, 0.3218,
0.3314

 18.6435, 0.3330,
0.3340

244.4737, 0.3213,
0.3312

 11.4130, 0.3366,
0.3348

294.4748, 0.3207,
0.3311

 6.3453, 0.3418,
0.3360

350.8672, 0.3203,

 3.0562, 0.3499,

0.3310

0.3377

414.0353, 0.3199,
0.3309

■ 1.1611, 0.3643,
0.3404

■ 0.0296, 0.8252,
0.1748

■ 76.8825, 0.3253,
0.3322

■ 76.8825, 0.3253,
0.3322

■ 65.6491, 0.3452,
0.3367

■ 89.5486, 0.3089,
0.3280

■ 55.7881, 0.3694,
0.3415

■ 97.0798, 0.3029,
0.3290

■ 47.2497, 0.3986,
0.3463

■ 39.9772, 0.4331,
0.3507

■ 33.9099, 0.4726,
0.3541

■ 28.9819, 0.5153,
0.3557

■ 25.1210, 0.5575,
0.3546

■ 22.2463, 0.5941,
0.3504

■ 20.2637, 0.6199,
0.3436

Harmonies

Analogous

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



76.8825, 0.3217, 0.3263



76.8825, 0.3253, 0.3322



76.8825, 0.3255, 0.3373

Triad

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



76.8825, 0.3253, 0.3322



76.8825, 0.3097, 0.3370



76.8825, 0.3033, 0.3179

Complementary

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



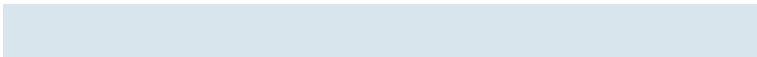
76.8825, 0.3253, 0.3322



81.5276, 0.3011, 0.3258

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.



76.8825, 0.3001, 0.3206



76.8825, 0.3253, 0.3322



76.8825, 0.3038, 0.3317

Square

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



76.8825, 0.3253, 0.3322



76.8825, 0.3164, 0.3402



76.8825, 0.3003, 0.3256



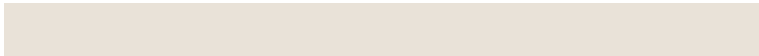
76.8825, 0.3089, 0.3181

Rectangle

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



76.8825, 0.3253, 0.3322



76.8825, 0.3237, 0.3396



76.8825, 0.3003, 0.3256



76.8825, 0.3019, 0.3185

Sweetspot

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



76.8859, 0.3253, 0.3322



97.0033, 0.3159, 0.3298



76.0973, 0.3155, 0.3136



20.7941, 0.3157, 0.3298



0.0000, 0.0000, 0.0000



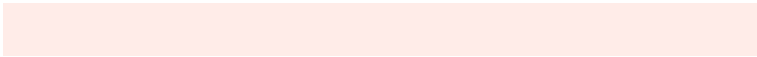
21.4041, 0.3127, 0.3290

Same Dimension

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



76.8859, 0.3253, 0.3322



87.0460, 0.3281, 0.3329



81.8107, 0.3244, 0.3414



16.1918, 0.3289, 0.3331



11.1277, 0.6228, 0.3437



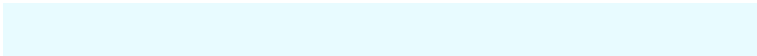
1.0501, 0.5997, 0.3620

Inverse Universe

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



81.5276, 0.3011, 0.3258



93.4466, 0.2988, 0.3251



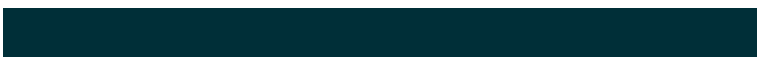
76.5190, 0.3011, 0.3163



17.4462, 0.2981, 0.3249



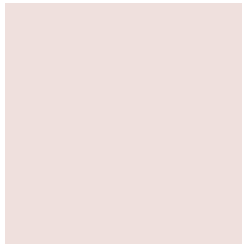
26.0538, 0.2095, 0.2740



2.2868, 0.2117, 0.2820

Previews

White Background



This preview shows how the Yxy color 76.8825, 0.3253, 0.3322 looks on a white background.

Color Contrast Check

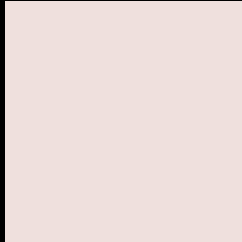
Large Text (above 18pt) WCAG AA × Fail

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 76.8825, 0.3253, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

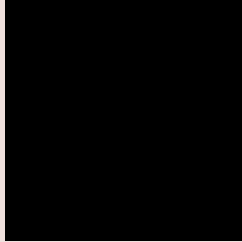
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

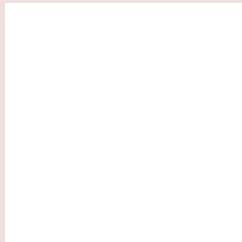
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.8825, 0.3253, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 76.8825, 0.3253, 0.3322.

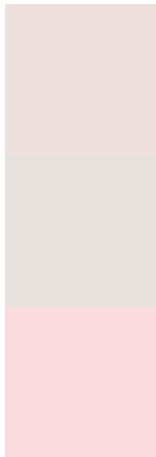


This preview shows how white text looks on a background with the Yxy color 76.8825, 0.3253, 0.3322.

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

76.8825, 0.3253, 0.3322

Protanopia

76.8224, 0.3195, 0.3332

Deuteranopia

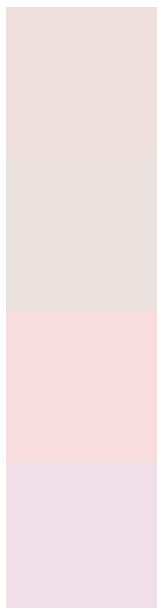
76.9696, 0.3338, 0.3270



Tritanopia

76.6457, 0.3150, 0.3107

Trichromacy



Original Color

76.8825, 0.3253, 0.3322

Protanomaly

76.7865, 0.3217, 0.3322

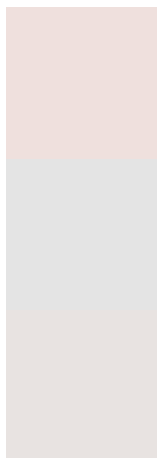
Deuteranomaly

76.7610, 0.3308, 0.3280

Tritanomaly

76.5940, 0.3189, 0.3187

Monochromacy



Original Color

76.8825, 0.3253, 0.3322

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.5302, 0.3175, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8825, 0.3253, 0.3322 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(239, 224, 221)` looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 221)  
}
```

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(239, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 221) }
```

Border

The CSS property to change the border of an element to Yxy 76.8825, 0.3253, 0.3322 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(239, 224, 221) }
```

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

```
.border{ border-color:rgb(239, 224, 221) }
```

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

Here you see how a box with a 4 pixel rgb(239, 224, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8825, 0.3253, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 221) }
```

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

```
.background{ background-color: rgb(239,  
224, 221) }
```

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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