

Converting Colors

$Yxy(76.7191, 0.3233, 0.3352)$

Have a look what the booklet for
Yxy(76.7191, 0.3233, 0.3352)
contains.

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Color

Yxy(76.6271, 0.3237, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	EBE1DB
RGB	235, 225, 219
RGB Percent	92%, 88%, 86%
CMY	0.0784, 0.1176, 0.1411
CMYK	0.00, 0.04, 0.07, 0.08
HSL	22°, 29%, 89%
HSV	22°, 7%, 92%
XYZ	73.9761, 76.6271, 77.9297
YIQ	227.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

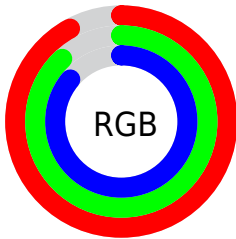
Format	Color
R _Y B	235, 229, 219
Decimal	15458779
CIE Lab	90.15, 2.38, 4.12
CIE LCh	90, 4.757, 59.924
Yxy	76.6271, 0.3237, 0.3353
Android (android.graphics.Color)	4293648859 (0xFFEBE1DB)
YUV	227.3060, -4.0949, 6.7476
Hunter-Lab	87.5369, -2.3419, 8.4929

Details

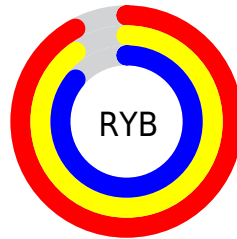
The Yxy color **76.6271, 0.3237, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.1201, 0.3022, 0.3226**, and the grayscale version is **77.0798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0135, 0.3261, 0.3372** is the 20% darker color. If you saturate the color by 10%, you get **67.8618, 0.3422, 0.3451**, and if you desaturate by 10%, it is **86.2596, 0.3079, 0.3261**.

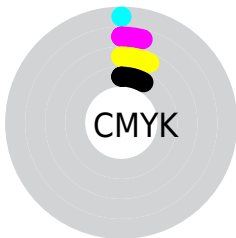
Distribution



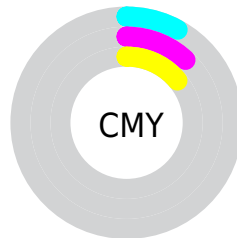
- Red (92%)
- Green (88%)
- Blue (86%)



- Red (92%)
- Yellow (90%)
- Blue (86%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6271, 0.3237, 0.3353 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 76.6271, 0.3237, 0.3353 by changing the saturation by 10% instead.

76.6271, 0.3237,
0.3353

76.6271, 0.3237,
0.3353

483.4917, 0.3187,
0.3324

56.9469, 0.3248,
0.3359

128.6130, 0.3220,
0.3343

40.9626, 0.3263,
0.3367

161.6874, 0.3213,
0.3339

28.2899, 0.3280,
0.3377

199.9953, 0.3207,
0.3336

18.5443, 0.3304,
0.3390

243.9212, 0.3202,
0.3333

11.3414, 0.3336,
0.3408

293.8494, 0.3197,
0.3330

6.2970, 0.3381,
0.3432

350.1642, 0.3193,

3.0265, 0.3452,

0.3328

0.3470

413.2502, 0.3190,
0.3326

■ 1.1456, 0.3578,
0.3535

■ 0.0166, 0.8169,
0.1831

■ 76.6271, 0.3237,
0.3353

■ 76.6271, 0.3237,
0.3353

■ 67.8618, 0.3422,
0.3451

■ 86.2596, 0.3079,
0.3261

■ 59.9291, 0.3638,
0.3553

■ 96.0416, 0.3005,
0.3284

■ 52.8068, 0.3888,
0.3656

■ 96.4028, 0.3005,
0.3290

■ 46.4676, 0.4172,
0.3755

■ 40.8829, 0.4487,
0.3840

■ 36.0220, 0.4822,
0.3899

■ 31.8516, 0.5157,
0.3920

■ 28.3353, 0.5466,
0.3892

■ 25.4314, 0.5722,
0.3811

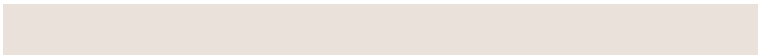
Harmonies

Analogous

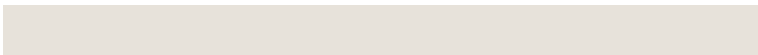
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6271, 0.3229, 0.3308



76.6271, 0.3237, 0.3353



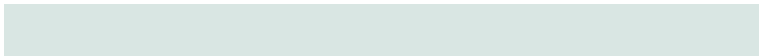
76.6271, 0.3215, 0.3382

Triad

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



76.6271, 0.3237, 0.3353



76.6271, 0.3060, 0.3322



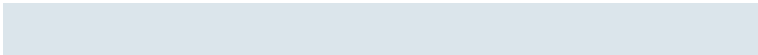
76.6271, 0.3085, 0.3195

Complementary

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



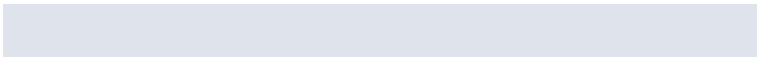
76.6271, 0.3237, 0.3353



77.1201, 0.3022, 0.3226

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.



76.6271, 0.3040, 0.3199



76.6271, 0.3237, 0.3353



76.6271, 0.3026, 0.3271

Square

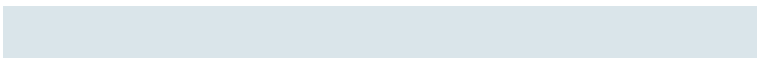
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6271, 0.3237, 0.3353



76.6271, 0.3113, 0.3365



76.6271, 0.3019, 0.3226



76.6271, 0.3141, 0.3217

Rectangle

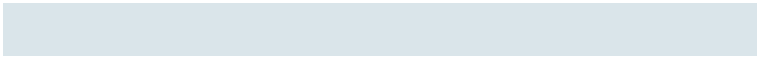
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



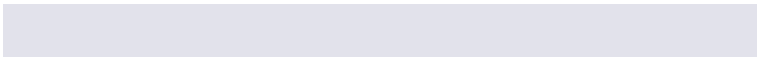
76.6271, 0.3237, 0.3353



76.6271, 0.3186, 0.3388



76.6271, 0.3019, 0.3226



76.6271, 0.3068, 0.3194

Sweetspot

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



76.6304, 0.3237, 0.3353



97.6552, 0.3158, 0.3308



74.0075, 0.3174, 0.3184



20.9269, 0.3157, 0.3307



0.0000, 0.0000, 0.0000



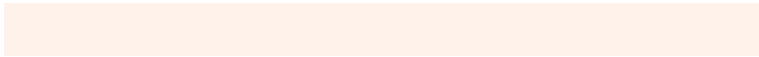
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6304, 0.3237, 0.3353



90.8739, 0.3258, 0.3365



80.9855, 0.3230, 0.3435



15.9765, 0.3283, 0.3379



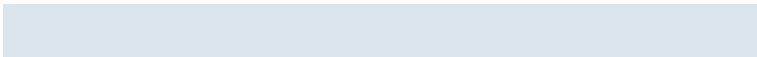
13.9254, 0.5767, 0.3803



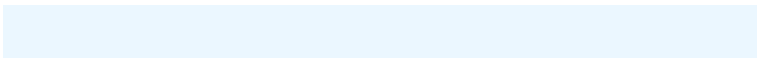
1.2728, 0.5506, 0.4010

Inverse Universe

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



77.1201, 0.3022, 0.3226



91.5647, 0.3003, 0.3214



72.8611, 0.3023, 0.3141



16.1206, 0.2981, 0.3200



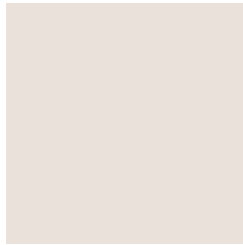
15.2313, 0.1894, 0.2019



1.3796, 0.1948, 0.2214

Previews

White Background



This preview shows how the Yxy color 76.6271, 0.3237, 0.3353 looks on a white background.

Color Contrast Check

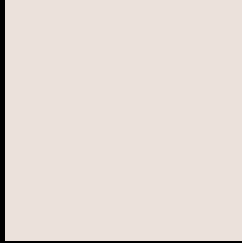
Large Text (above 18pt) WCAG AA × Fail

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 76.6271, 0.3237, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

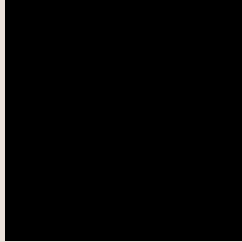
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

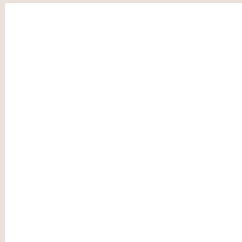
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6271, 0.3237, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 76.6271, 0.3237, 0.3353.

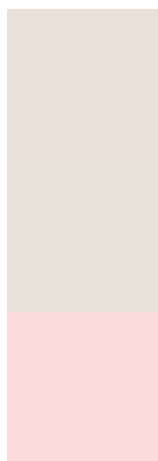


This preview shows how white text looks on a background with the Yxy color 76.6271, 0.3237, 0.3353.

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

76.6271, 0.3237, 0.3353

Protanopia

76.6630, 0.3215, 0.3364

Deuteranopia

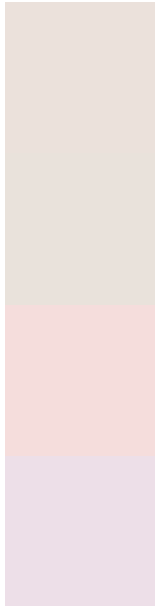
76.3396, 0.3353, 0.3281



Tritanopia

76.6517, 0.3128, 0.3116

Trichromacy



Original Color

76.6271, 0.3237, 0.3353

Protanomaly

76.8308, 0.3222, 0.3364

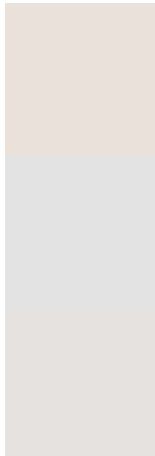
Deuteranomaly

76.2927, 0.3307, 0.3301

Tritanomaly

76.6061, 0.3167, 0.3197

Monochromacy



Original Color

76.6271, 0.3237, 0.3353

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5975, 0.3168, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6271, 0.3237, 0.3353 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(235, 225, 219)` looks like.

```
.text, #text, p{  
    color:rgb(235, 225, 219)  
}
```

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(235, 225, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 225, 219) }
```

Border

The CSS property to change the border of an element to Yxy 76.6271, 0.3237, 0.3353 is called "border". The border property can be set on classes, ids or directly on the HTML element.

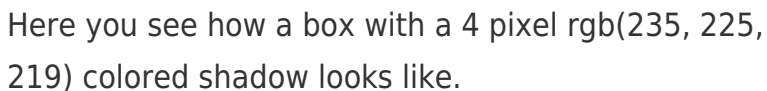
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 225, 219) }
```

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

```
.border{ border-color:rgb(235, 225, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 225, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 225, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 225, 219); box-shadow:4px 4px 4px 4px rgb(235, 225, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6271, 0.3237, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 225, 219) }
```

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

```
.background{ background-color: rgb(235,  
225, 219) }
```

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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