

Converting Colors

$Yxy(76.3420, 0.3225, 0.3332)$

Have a look what the booklet for
Yxy(76.3420, 0.3225, 0.3332)
contains.

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Color

Yxy(76.1408, 0.3231, 0.3332)

Conversions

Conversions Part 1

Format	Color
Hex	EBE0DC
RGB	235, 224, 220
RGB Percent	92%, 88%, 86%
CMY	0.0785, 0.1215, 0.1371
CMYK	0.00, 0.05, 0.06, 0.08
HSL	16°, 27%, 89%
HSV	16°, 6%, 92%
XYZ	73.8328, 76.1408, 78.5402
YIQ	226.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

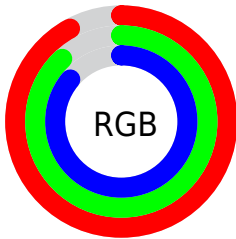
Format	Color
R _Y B	235, 225, 220
Decimal	15458524
CIE Lab	89.92, 3.06, 3.26
CIE LCh	90, 4.471, 46.866
Yxy	76.1408, 0.3231, 0.3332
Android (android.graphics.Color)	4293648604 (0xFFEBE0DC)
YUV	226.8330, -3.3687, 7.1625
Hunter-Lab	87.2587, -1.6673, 7.7151

Details

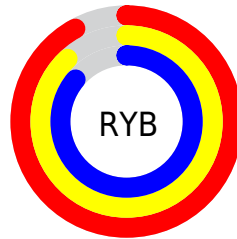
The Yxy color **76.1408, 0.3231, 0.3332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.3729, 0.3029, 0.3248**, and the grayscale version is **76.7104, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6763, 0.3254, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **66.1778, 0.3420, 0.3402**, and if you desaturate by 10%, it is **87.2262, 0.3073, 0.3267**.

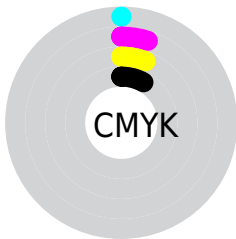
Distribution



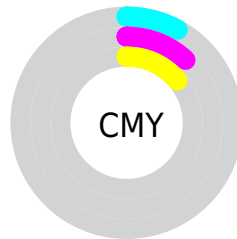
- Red (92%)
- Green (88%)
- Blue (86%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (8%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1408, 0.3231, 0.3332 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 76.1408, 0.3231, 0.3332 by changing the saturation by 10% instead.


 76.1408, 0.3231,
0.3332

 76.1408, 0.3231,
0.3332

481.8295, 0.3183,
0.3313

 56.5480, 0.3242,
0.3336


127.9259, 0.3214,
0.3325

 40.6424, 0.3255,
0.3342


160.8870, 0.3208,
0.3323

 28.0398, 0.3272,
0.3348


199.0729, 0.3202,
0.3321

 18.3557, 0.3294,
0.3357

242.8681, 0.3198,
0.3319

 11.2056, 0.3325,
0.3368

292.6570, 0.3193,
0.3317

 6.2053, 0.3368,
0.3384

348.8239, 0.3190,

 2.9703, 0.3436,

0.3316

0.3409

411.7533, 0.3186,
0.3314

■ 1.1163, 0.3556,
0.3451

■ 0.0000, 1.0000,
0.0000

■ 76.1408, 0.3231,
0.3332

■ 76.1408, 0.3231,
0.3332

■ 66.1778, 0.3420,
0.3402

■ 87.2262, 0.3073,
0.3267

■ 57.2920, 0.3646,
0.3475

■ 96.3983, 0.3005,
0.3290

■ 49.4497, 0.3914,
0.3550

■ 42.6119, 0.4226,
0.3620

■ 36.7367, 0.4580,
0.3679

■ 31.7795, 0.4963,
0.3716

■ 27.6918, 0.5350,
0.3719

■ 24.4201, 0.5703,
0.3680

■ 21.9039, 0.5982,
0.3598

Harmonies

Analogous

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



76.1408, 0.3212, 0.3286



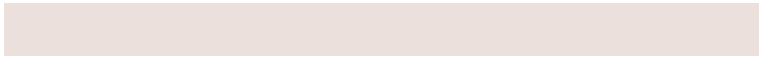
76.1408, 0.3231, 0.3332



76.1408, 0.3222, 0.3367

Triad

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



76.1408, 0.3231, 0.3332



76.1408, 0.3084, 0.3340



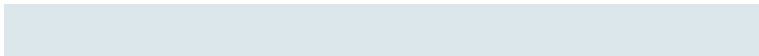
76.1408, 0.3067, 0.3199

Complementary

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



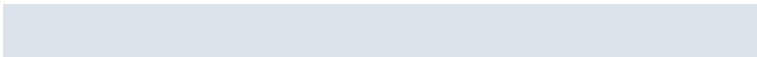
76.1408, 0.3231, 0.3332



78.3729, 0.3029, 0.3248

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.



76.1408, 0.3033, 0.3213



76.1408, 0.3231, 0.3332



76.1408, 0.3043, 0.3294

Square

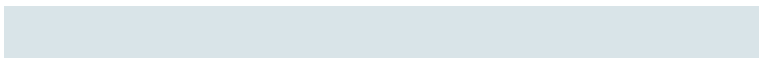
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1408, 0.3231, 0.3332



76.1408, 0.3137, 0.3372



76.1408, 0.3025, 0.3247



76.1408, 0.3117, 0.3210

Rectangle

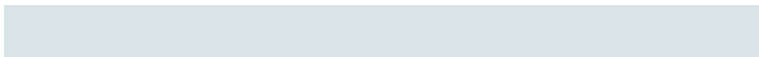
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1408, 0.3231, 0.3332



76.1408, 0.3201, 0.3380



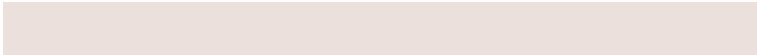
76.1408, 0.3025, 0.3247



76.1408, 0.3053, 0.3201

Sweetspot

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



76.1441, 0.3231, 0.3332



97.3103, 0.3159, 0.3303



74.6475, 0.3159, 0.3173



20.8567, 0.3157, 0.3302



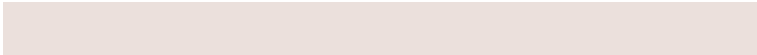
0.0000, 0.0000, 0.0000



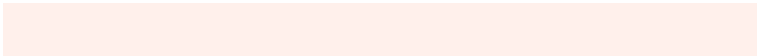
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1441, 0.3231, 0.3332



89.5695, 0.3260, 0.3343



80.1152, 0.3224, 0.3407



15.7054, 0.3286, 0.3353



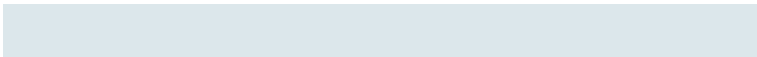
11.9551, 0.6039, 0.3587



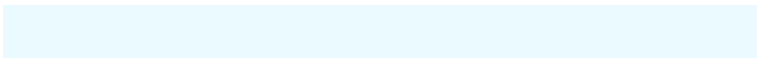
1.0924, 0.5769, 0.3802

Inverse Universe

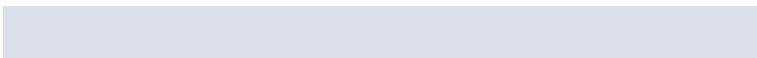
The Inverse Universe completely reimagines the original color for something new.



78.3729, 0.3029, 0.3248



92.9221, 0.3003, 0.3236



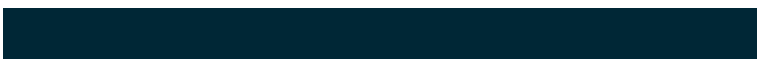
74.4073, 0.3030, 0.3170



16.4048, 0.2981, 0.3226



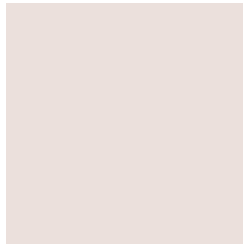
20.0889, 0.2001, 0.2404



1.7337, 0.2039, 0.2542

Previews

White Background



This preview shows how the Yxy color 76.1408, 0.3231, 0.3332 looks on a white background.

Color Contrast Check

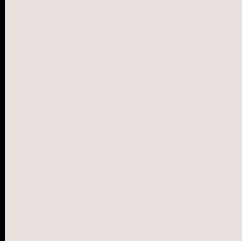
Large Text (above 18pt) WCAG AA × Fail

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 76.1408, 0.3231, 0.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

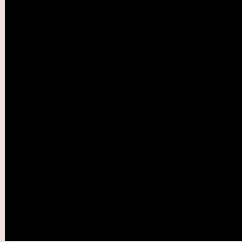
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

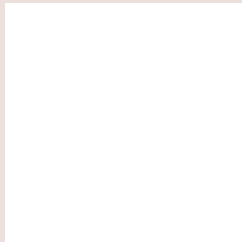
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1408, 0.3231, 0.3332

Background



This preview shows how black text looks on a background with the Yxy color 76.1408, 0.3231, 0.3332.

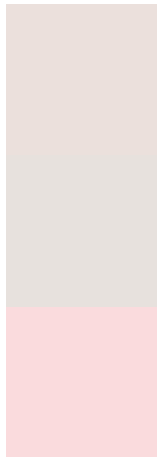


This preview shows how white text looks on a background with the Yxy color 76.1408, 0.3231, 0.3332.

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

76.1408, 0.3231, 0.3332

Protanopia

76.0598, 0.3195, 0.3333

Deuteranopia

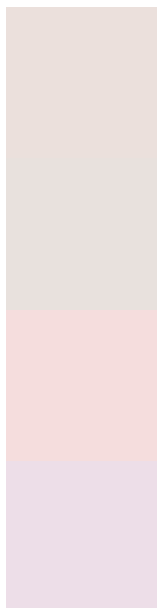
76.2075, 0.3339, 0.3270



Tritanopia

76.1220, 0.3129, 0.3105

Trichromacy



Original Color

76.1408, 0.3231, 0.3332

Protanomaly

76.2267, 0.3203, 0.3332

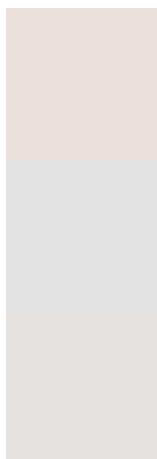
Deuteranomaly

76.3458, 0.3300, 0.3291

Tritanomaly

76.0733, 0.3167, 0.3187

Monochromacy



Original Color

76.1408, 0.3231, 0.3332

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 76.1408, 0.3231, 0.3332 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, 224, 220) looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 220)  
}
```

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, 224, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 220) }
```

Border

The CSS property to change the border of an element to Yxy 76.1408, 0.3231, 0.3332 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, 224, 220) }
```

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

```
.border{ border-color:rgb(235, 224, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 220);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1408, 0.3231, 0.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 220) }
```

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

```
.background{ background-color: rgb(235,  
224, 220) }
```

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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