

Converting Colors

$Y_{xy}(76.5418, 0.3179, 0.3247)$

Have a look what the booklet for
Yxy(76.5418, 0.3179, 0.3247)
contains.

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Color

Yxy(76.5749, 0.3178, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	EBE0E4
RGB	235, 224, 228
RGB Percent	92%, 88%, 89%
CMY	0.0784, 0.1216, 0.1057
CMYK	0.00, 0.05, 0.03, 0.08
HSL	338°, 22%, 90%
HSV	338°, 5%, 92%
XYZ	74.9246, 76.5749, 84.2607
YIQ	227.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

Format	Color
R _Y B	235, 224, 228
Decimal	15458532
CIE Lab	90.13, 4.45, -0.64
CIE LCh	90, 4.492, 351.755
Yxy	76.5749, 0.3178, 0.3248
Android (android.graphics.Color)	4293648612 (0xFFEBE0E4)
YUV	227.7450, 0.1257, 6.3626
Hunter-Lab	87.5071, -0.3036, 4.1645

Details

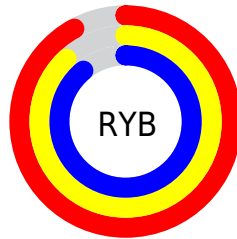
The Yxy color **76.5749, 0.3178, 0.3248** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.0316, 0.3079, 0.3332**, and the grayscale version is **77.3868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9768, 0.3184, 0.3236** is the 20% darker color. If you saturate the color by 10%, you get **64.0167, 0.3304, 0.3154**, and if you desaturate by 10%, it is **90.9565, 0.3075, 0.3336**.

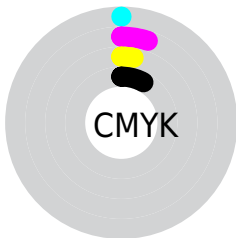
Distribution



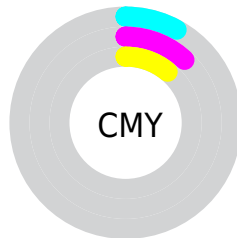
- Red (92%)
- Green (88%)
- Blue (89%)



- Red (92%)
- Yellow (88%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.5749, 0.3178, 0.3248 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 76.5749, 0.3178, 0.3248 by changing the saturation by 10% instead.

 76.5749, 0.3178,
0.3248

 76.5749, 0.3178,
0.3248

483.3134, 0.3155,
0.3267

 56.9040, 0.3183,
0.3244

128.5392, 0.3170,
0.3255

 40.9282, 0.3190,
0.3238

161.6015, 0.3167,
0.3257

 28.2630, 0.3198,
0.3231


199.8964, 0.3164,
0.3260

 18.5240, 0.3209,
0.3223

243.8082, 0.3162,
0.3261

 11.3268, 0.3223,
0.3211

293.7215, 0.3160,
0.3263

 6.2871, 0.3244,
0.3194

350.0205, 0.3158,

 3.0204, 0.3276,

0.3265

0.3167

413.0897, 0.3156,
0.3266

■ 1.1424, 0.3332,
0.3121

■ 0.0139, 0.6217,
0.0710

■ 76.5749, 0.3178,
0.3248

■ 76.5749, 0.3178,
0.3248

■ 64.0167, 0.3304,
0.3154

■ 90.9565, 0.3075,
0.3336

■ 53.1988, 0.3458,
0.3055

■ 96.4022, 0.3005,
0.3290

■ 44.0469, 0.3645,
0.2955

■ 36.4769, 0.3868,
0.2858

■ 30.3978, 0.4131,
0.2773

■ 25.7088, 0.4429,
0.2711

■ 22.2970, 0.4753,
0.2684

■ 20.0309, 0.5084,
0.2704

■ 18.7504, 0.5395,
0.2777

Harmonies

Analogous

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



76.5749, 0.3126, 0.3214



76.5749, 0.3178, 0.3248



76.5749, 0.3217, 0.3294

Triad

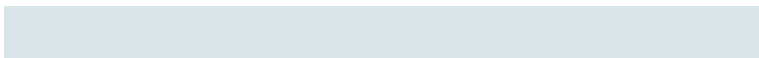
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5749, 0.3178, 0.3248



76.5749, 0.3180, 0.3383



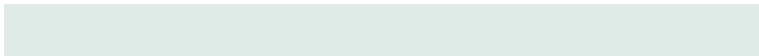
76.5749, 0.3024, 0.3240

Complementary

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



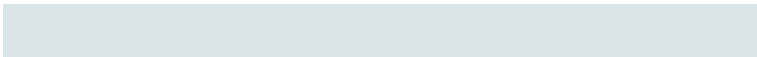
76.5749, 0.3178, 0.3248



81.0316, 0.3079, 0.3332

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.



76.5749, 0.3038, 0.3286



76.5749, 0.3178, 0.3248



76.5749, 0.3128, 0.3369

Square

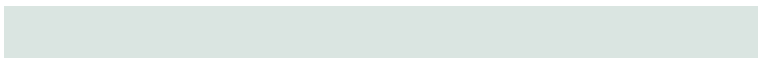
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



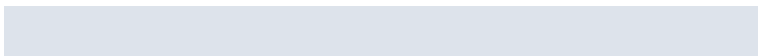
76.5749, 0.3178, 0.3248



76.5749, 0.3218, 0.3372



76.5749, 0.3076, 0.3333



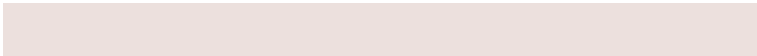
76.5749, 0.3037, 0.3209

Rectangle

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



76.5749, 0.3178, 0.3248



76.5749, 0.3230, 0.3325



76.5749, 0.3076, 0.3333



76.5749, 0.3026, 0.3254

Sweetspot

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



76.5782, 0.3178, 0.3248



98.2803, 0.3138, 0.3281



76.2634, 0.3103, 0.3175



21.0542, 0.3137, 0.3282



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

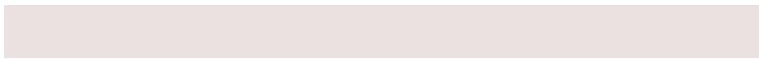
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5782, 0.3178, 0.3248



90.0160, 0.3194, 0.3236



77.0487, 0.3204, 0.3304



15.9312, 0.3201, 0.3230



10.2294, 0.5505, 0.2806



0.8212, 0.5126, 0.2597

Inverse Universe

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



76.5782, 0.3178, 0.3248



90.0160, 0.3194, 0.3236



80.5304, 0.3055, 0.3276



15.9312, 0.3201, 0.3230



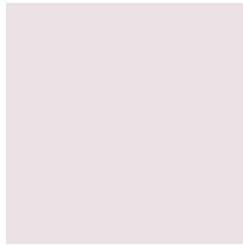
10.2294, 0.5505, 0.2806



0.8212, 0.5126, 0.2597

Previews

White Background



This preview shows how the Yxy color 76.5749, 0.3178, 0.3248 looks on a white background.

Color Contrast Check

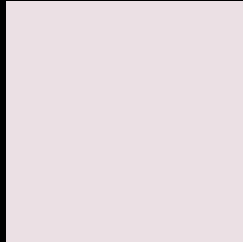
Large Text (above 18pt) WCAG AA × Fail

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 76.5749, 0.3178, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

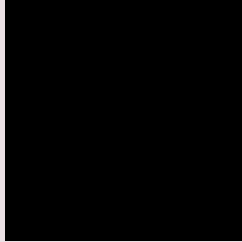
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

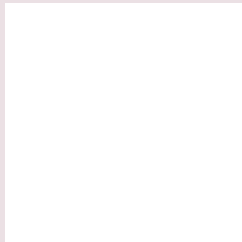
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5749, 0.3178, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 76.5749, 0.3178, 0.3248.

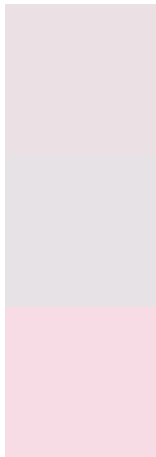


This preview shows how white text looks on a background with the Yxy color 76.5749, 0.3178, 0.3248.

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

76.5749, 0.3178, 0.3248

Protanopia

76.8728, 0.3136, 0.3259

Deuteranopia

76.6177, 0.3261, 0.3199



Tritanopia

76.5383, 0.3115, 0.3105

Trichromacy



Original Color

76.5749, 0.3178, 0.3248

Protanomaly

76.6634, 0.3150, 0.3248

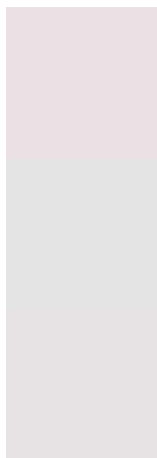
Deuteranomaly

76.4247, 0.3231, 0.3208

Tritanomaly

76.6643, 0.3133, 0.3156

Monochromacy



Original Color

76.5749, 0.3178, 0.3248

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.5285, 0.3148, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5749, 0.3178, 0.3248 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 228) }
```

Border

The CSS property to change the border of an element to Yxy 76.5749, 0.3178, 0.3248 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, 228) }
```

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

```
.border{ border-color:rgb(235, 224, 228) }
```

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, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5749, 0.3178, 0.3248 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, 228) }
```

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

```
.background{ background-color: rgb(235,  
224, 228) }
```

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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