

Converting Colors

Yxy(78.4852, 0.3136, 0.3403)

Have a look what the booklet for
Yxy(78.4852, 0.3136, 0.3403)
contains.

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Color

Yxy(78.6217, 0.3135, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	DFE8DD
RGB	223, 232, 221
RGB Percent	87%, 91%, 87%
CMY	0.1257, 0.0901, 0.1334
CMYK	0.04, 0.00, 0.05, 0.09
HSL	109°, 19%, 89%
HSV	109°, 5%, 91%
XYZ	72.3237, 78.6217, 79.7521
YIQ	228.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

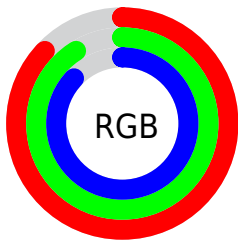
Format	Color
R _Y B	221, 232, 230
Decimal	14674141
CIE Lab	91.06, -5.00, 4.31
CIE LCh	91, 6.601, 139.272
Yxy	78.6217, 0.3135, 0.3408
Android (android.graphics.Color)	4292864221 (0xFFDFE8DD)
YUV	228.0550, -3.4781, -4.4332
Hunter-Lab	88.6689, -9.5752, 8.7406

Details

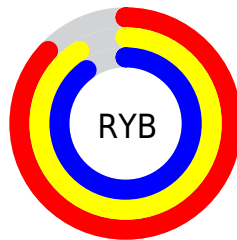
The Yxy color **78.6217, 0.3135, 0.3408** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.3595, 0.3119, 0.3174**, and the grayscale version is **77.6476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1287, 0.3138, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **74.6138, 0.3150, 0.3679**, and if you desaturate by 10%, it is **83.1483, 0.3118, 0.3168**.

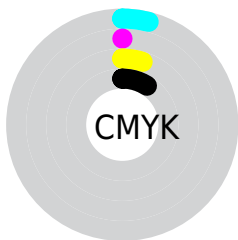
Distribution



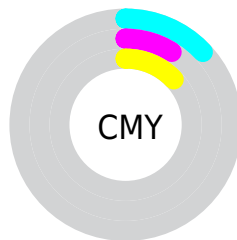
- Red (87%)
- Green (91%)
- Blue (87%)



- Red (87%)
- Yellow (91%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (13%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.6217, 0.3135, 0.3408 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 78.6217, 0.3135, 0.3408 by changing the saturation by 10% instead.

■ 78.6217, 0.3135,
0.3408

■ 78.6217, 0.3135,
0.3408

490.2756, 0.3132,
0.3354

■ 58.5848, 0.3136,
0.3420

131.4262, 0.3134,
0.3389

■ 42.2790, 0.3137,
0.3436

164.9625, 0.3133,
0.3382

■ 29.3198, 0.3138,
0.3455

203.7675, 0.3133,
0.3376

■ 19.3229, 0.3139,
0.3480

248.2255, 0.3133,
0.3370

■ 11.9038, 0.3140,
0.3514

298.7210, 0.3132,
0.3365

■ 6.6782, 0.3142,
0.3563

355.6382, 0.3132,

■ 3.2617, 0.3145,

0.3361

0.3640

419.3616, 0.3132,
0.3357

■ 1.2698, 0.3148,
0.3777

■ 0.1177, 0.0000,
1.0000

■ 78.6217, 0.3135,
0.3408

■ 78.6217, 0.3135,
0.3408

■ 74.6138, 0.3150,
0.3679

■ 83.1483, 0.3118,
0.3168

■ 71.0961, 0.3163,
0.3979

■ 86.2066, 0.3138,
0.3068

■ 68.0529, 0.3172,
0.4304

■ 65.4633, 0.3174,
0.4644

■ 63.3054, 0.3169,
0.4984

■ 61.5551, 0.3156,
0.5303

■ 60.1858, 0.3133,
0.5578

■ 59.1679, 0.3103,
0.5786

■ 58.4666, 0.3068,
0.5916

Harmonies

Analogous

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



78.6217, 0.3210, 0.3425



78.6217, 0.3135, 0.3408



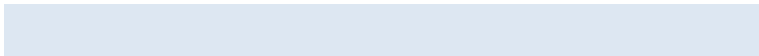
78.6217, 0.3059, 0.3358

Triad

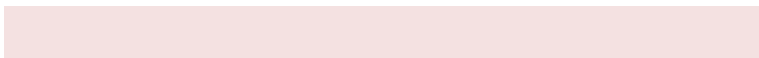
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.6217, 0.3135, 0.3408



78.6217, 0.2993, 0.3174



78.6217, 0.3255, 0.3289

Complementary

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



78.6217, 0.3135, 0.3408



74.3595, 0.3119, 0.3174

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.



78.6217, 0.3195, 0.3224



78.6217, 0.3135, 0.3408



78.6217, 0.3044, 0.3158

Square

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



78.6217, 0.3135, 0.3408



78.6217, 0.2977, 0.3222



78.6217, 0.3118, 0.3176



78.6217, 0.3280, 0.3356

Rectangle

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



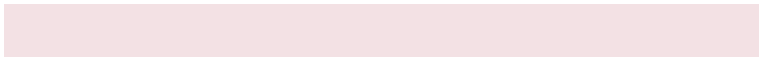
78.6217, 0.3135, 0.3408



78.6217, 0.3017, 0.3313



78.6217, 0.3118, 0.3176



78.6217, 0.3238, 0.3266

Sweetspot

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



78.6251, 0.3135, 0.3408



99.4416, 0.3129, 0.3314



78.9716, 0.3199, 0.3385



21.2905, 0.3129, 0.3313



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.



78.6251, 0.3135, 0.3408



96.7465, 0.3137, 0.3441



78.5025, 0.3100, 0.3371



16.4577, 0.3138, 0.3456



32.3444, 0.3058, 0.5954



2.4263, 0.3147, 0.5884

Inverse Universe

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



74.3595, 0.3119, 0.3174



90.1100, 0.3116, 0.3142



74.4905, 0.3156, 0.3211



15.2205, 0.3115, 0.3128



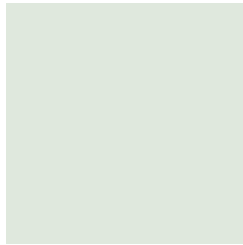
9.4074, 0.2763, 0.1296



0.7293, 0.2832, 0.1334

Previews

White Background



This preview shows how the Yxy color 78.6217, 0.3135, 0.3408 looks on a white background.

Color Contrast Check

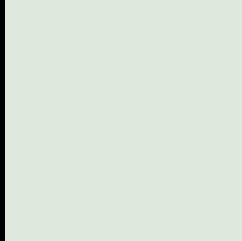
Large Text (above 18pt) WCAG AA × Fail

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 78.6217, 0.3135, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

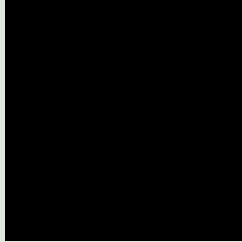
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

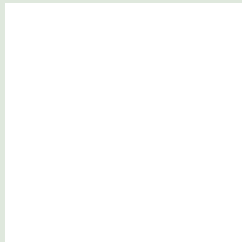
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.6217, 0.3135, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 78.6217, 0.3135, 0.3408.

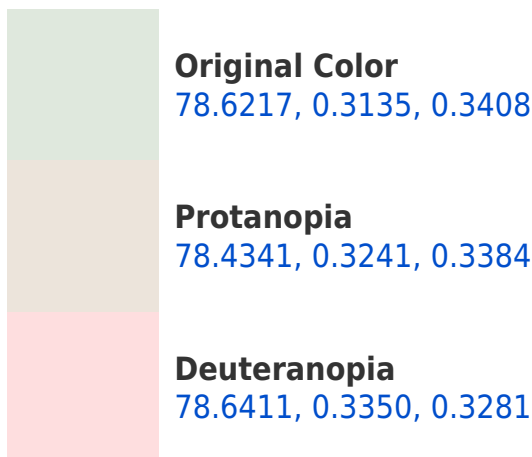


This preview shows how white text looks on a background with the Yxy color 78.6217, 0.3135, 0.3408.

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

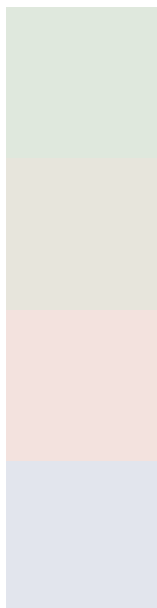




Tritanopia

78.4715, 0.3008, 0.3103

Trichromacy



Original Color

78.6217, 0.3135, 0.3408

Protanomaly

78.1949, 0.3199, 0.3385

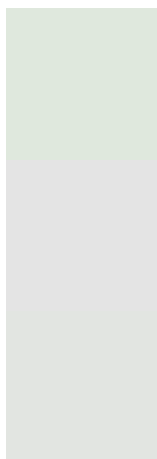
Deuteranomaly

78.7213, 0.3273, 0.3332

Tritanomaly

78.3218, 0.3057, 0.3206

Monochromacy



Original Color

78.6217, 0.3135, 0.3408

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.6436, 0.3132, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.6217, 0.3135, 0.3408 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(223, 232, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 232, 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(223, 232, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 232, 221) }
```

Border

The CSS property to change the border of an element to Yxy 78.6217, 0.3135, 0.3408 is called "border". The border property can be set on classes, ids or directly on the HTML element.

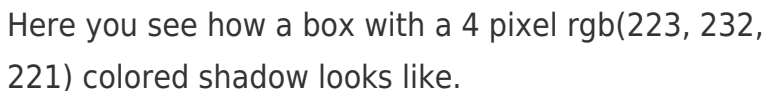
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 232, 221) }
```

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

```
.border{ border-color:rgb(223, 232, 221) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 232, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 232, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 232, 221); box-shadow:4px 4px 4px 4px rgb(223, 232, 221) }
```


Background

The CSS property to change the background color of an element to Yxy 78.6217, 0.3135, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 232, 221) }
```

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

```
.background{ background-color: rgb(223,  
232, 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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