

Converting Colors

$Yxy(71.0441, 0.3126, 0.3162)$

Have a look what the booklet for
Yxy(71.0441, 0.3126, 0.3162)
contains.

Yxy(71.0441, 0.3126, 0.3162)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.0441, 0.3126, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	E3D8E4
RGB	227, 216, 228
RGB Percent	89%, 85%, 89%
CMY	0.1098, 0.1529, 0.1059
CMYK	0.00, 0.05, 0.00, 0.11
HSL	295°, 18%, 87%
HSV	295°, 5%, 89%
XYZ	70.2352, 71.0441, 83.4015
YIQ	220.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

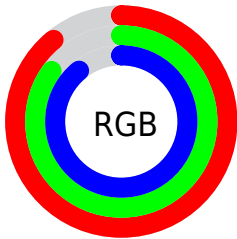
Format	Color
R_{YB}	227, 216, 228
Decimal	14932196
CIE Lab	87.51, 5.89, -4.53
CIE LCh	88, 7.433, 322.415
Yxy	71.0441, 0.3126, 0.3162
Android (android.graphics.Color)	4293122276 (0xFFE3D8E4)
YUV	220.6570, 3.6201, 5.5628
Hunter-Lab	84.2877, 1.2371, 0.3347

Details

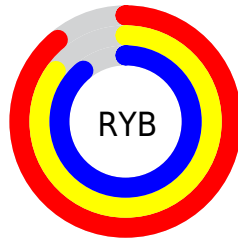
The Yxy color **71.0441, 0.3126, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1919, 0.3128, 0.3421**, and the grayscale version is **72.0271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2775, 0.3126, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **59.8575, 0.3122, 0.2911**, and if you desaturate by 10%, it is **83.8610, 0.3128, 0.3403**.

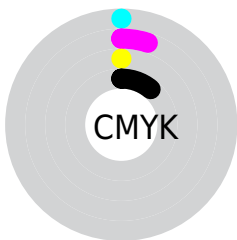
Distribution



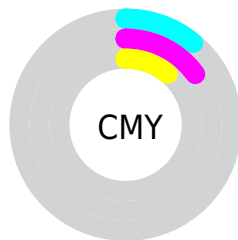
- Red (89%)
- Green (85%)
- Blue (89%)



- Red (89%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0441, 0.3126, 0.3162 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 71.0441, 0.3126, 0.3162 by changing the saturation by 10% instead.

 71.0441, 0.3126,
0.3162

 71.0441, 0.3126,
0.3162

464.2076, 0.3127,
0.3221

 52.3782, 0.3126,
0.3149


120.6965, 0.3126,
0.3182

 37.3066, 0.3125,
0.3132


152.4518, 0.3126,
0.3190

 25.4450, 0.3125,
0.3111


189.3390, 0.3127,
0.3197

 16.4089, 0.3124,
0.3084

231.7425, 0.3127,
0.3203

 9.8140, 0.3123,
0.3046

280.0468, 0.3127,
0.3209

 5.2758, 0.3121,
0.2993

334.6361, 0.3127,

 2.4100, 0.3117,

0.3213

0.2909

395.8949, 0.3127,
0.3217

0.8310, 0.3109,
0.2758

0.0000, 0.0000,
0.0000

71.0441, 0.3126,
0.3162

71.0441, 0.3126,
0.3162

59.8575, 0.3122,
0.2911

83.8610, 0.3128,
0.3403

50.2257, 0.3116,
0.2655

94.0735, 0.3132,
0.3565

42.0808, 0.3108,
0.2402

94.3898, 0.3143,
0.3564

35.3463, 0.3097,
0.2161

94.7096, 0.3155,
0.3563

■ 29.9392, 0.3084,
0.1942

■ 95.0328, 0.3167,
0.3562

■ 25.7673, 0.3067,
0.1755

■ 95.3595, 0.3179,
0.3561

■ 22.7271, 0.3049,
0.1608

■ 95.6896, 0.3191,
0.3560

■ 20.6977, 0.3029,
0.1505

■ 96.0231, 0.3203,
0.3559

■ 19.5312, 0.3009,
0.1444

■ 96.3601, 0.3215,
0.3558

Harmonies

Analogous

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



71.0441, 0.3038, 0.3137



71.0441, 0.3126, 0.3162



71.0441, 0.3215, 0.3220

Triad

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



71.0441, 0.3126, 0.3162



71.0441, 0.3281, 0.3429



71.0441, 0.2976, 0.3280

Complementary

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



71.0441, 0.3126, 0.3162



75.1919, 0.3128, 0.3421

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.



71.0441, 0.3039, 0.3361



71.0441, 0.3126, 0.3162



71.0441, 0.3215, 0.3448

Square

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



71.0441, 0.3126, 0.3162



71.0441, 0.3305, 0.3374



71.0441, 0.3126, 0.3423



71.0441, 0.2953, 0.3203

Rectangle

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



71.0441, 0.3126, 0.3162



71.0441, 0.3263, 0.3271



71.0441, 0.3126, 0.3423



71.0441, 0.2993, 0.3308

Sweetspot

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



71.0472, 0.3126, 0.3162



96.7088, 0.3127, 0.3241



69.8305, 0.3048, 0.3170



20.7341, 0.3127, 0.3244



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.



71.0472, 0.3126, 0.3162



90.3835, 0.3126, 0.3143



70.9361, 0.3167, 0.3215



15.2716, 0.3126, 0.3128



11.0927, 0.3002, 0.1427



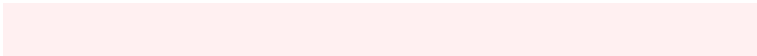
0.8378, 0.3034, 0.1445

Inverse Universe

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



70.6185, 0.3208, 0.3280



89.7528, 0.3221, 0.3278



75.3021, 0.3089, 0.3366



15.1541, 0.3230, 0.3277



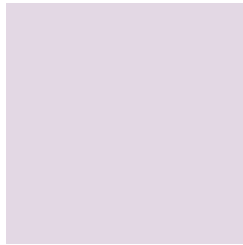
9.5582, 0.6306, 0.3248



0.7131, 0.6069, 0.3117

Previews

White Background



This preview shows how the Yxy color 71.0441, 0.3126, 0.3162 looks on a white background.

Color Contrast Check

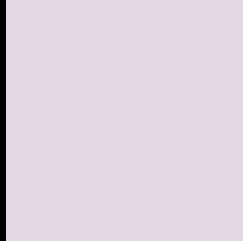
Large Text (above 18pt) WCAG AA × Fail

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 71.0441, 0.3126, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

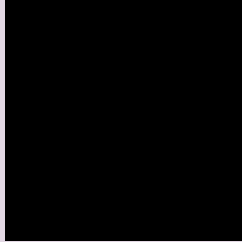
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

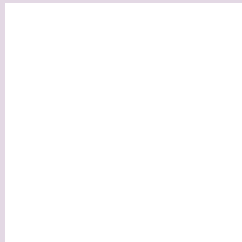
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0441, 0.3126, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 71.0441, 0.3126, 0.3162.

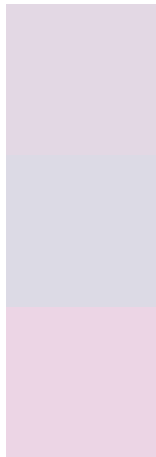


This preview shows how white text looks on a background with the Yxy color 71.0441, 0.3126, 0.3162.

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

71.0441, 0.3126, 0.3162

Protanopia

71.0156, 0.3069, 0.3171

Deuteranopia

71.0785, 0.3186, 0.3123



Tritanopia

70.9211, 0.3107, 0.3109

Trichromacy



Original Color

71.0441, 0.3126, 0.3162

Protanomaly

70.9708, 0.3090, 0.3161

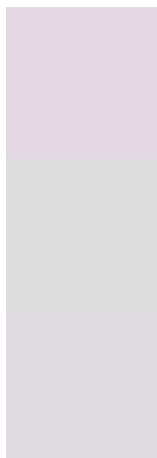
Deuteranomaly

71.0739, 0.3164, 0.3132

Tritanomaly

70.8644, 0.3114, 0.3120

Monochromacy



Original Color

71.0441, 0.3126, 0.3162

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.7328, 0.3123, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0441, 0.3126, 0.3162 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(227, 216, 228)` looks like.

```
.text, #text, p{  
    color:rgb(227, 216, 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(227, 216, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 216, 228) }
```

Border

The CSS property to change the border of an element to Yxy 71.0441, 0.3126, 0.3162 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(227, 216, 228) }
```

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

```
.border{ border-color:rgb(227, 216, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 216, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 216, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 216, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 216,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0441, 0.3126, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 216, 228) }
```

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

```
.background{ background-color: rgb(227,  
216, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor