

Converting Colors

$Y_{xy}(70.1522, 0.3174, 0.3226)$

Have a look what the booklet for
Yxy(70.1522, 0.3174, 0.3226)
contains.

Yxy(70.1522, 0.3174, 0.3226)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.1522, 0.3174, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	E3D7DD
RGB	227, 215, 221
RGB Percent	89%, 84%, 87%
CMY	0.1099, 0.1568, 0.1335
CMYK	0.00, 0.05, 0.03, 0.11
HSL	330°, 18%, 87%
HSV	330°, 5%, 89%
XYZ	69.0214, 70.1522, 78.2852
YIQ	219.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

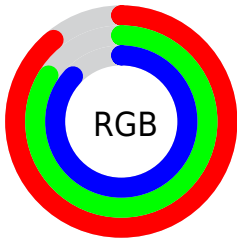
Format	Color
R _Y B	227, 215, 221
Decimal	14931933
CIE Lab	87.07, 5.15, -1.46
CIE LCh	87, 5.350, 344.135
Yxy	70.1522, 0.3174, 0.3226
Android (android.graphics.Color)	4293122013 (0xFFE3D7DD)
YUV	219.2720, 0.8519, 6.7775
Hunter-Lab	83.7569, 0.5216, 3.2132

Details

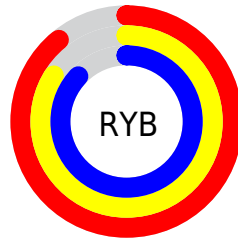
The Yxy color **70.1522, 0.3174, 0.3226** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.5987, 0.3083, 0.3355**, and the grayscale version is **71.0272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6654, 0.3189, 0.3206** is the 20% darker color. If you saturate the color by 10%, you get **58.7978, 0.3277, 0.3099**, and if you desaturate by 10%, it is **83.1577, 0.3089, 0.3345**.

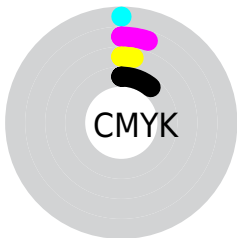
Distribution



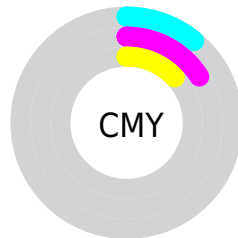
- Red (89%)
- Green (84%)
- Blue (87%)



- Red (89%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1522, 0.3174, 0.3226 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 70.1522, 0.3174, 0.3226 by changing the saturation by 10% instead.

70.1522, 0.3174,
0.3226

70.1522, 0.3174,
0.3226

461.0842, 0.3152,
0.3256

51.6506, 0.3179,
0.3219

119.4258, 0.3166,
0.3236

36.7267, 0.3185,
0.3211

150.9666, 0.3164,
0.3240

24.9959, 0.3193,
0.3200

187.6226, 0.3161,
0.3244

16.0740, 0.3203,
0.3186

229.7781, 0.3159,
0.3247

9.5766, 0.3217,
0.3167

277.8177, 0.3157,
0.3249

5.1191, 0.3238,
0.3139

332.1256, 0.3155,

2.3173, 0.3271,

0.3252

0.3094

393.0863, 0.3154,
0.3254

0.7829, 0.3337,
0.3002

0.0000, 0.0000,
0.0000

70.1522, 0.3174,
0.3226

70.1522, 0.3174,
0.3226

58.7978, 0.3277,
0.3099

83.1577, 0.3089,
0.3345

49.0189, 0.3401,
0.2967

94.3662, 0.3019,
0.3403

40.7476, 0.3548,
0.2833

95.0676, 0.2958,
0.3290

33.9073, 0.3722,
0.2704

■ 28.4150, 0.3923,
0.2588

■ 24.1787, 0.4148,
0.2497

■ 21.0949, 0.4392,
0.2444

■ 19.0431, 0.4642,
0.2440

■ 17.8759, 0.4886,
0.2490

Harmonies

Analogous

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



70.1522, 0.3108, 0.3189



70.1522, 0.3174, 0.3226



70.1522, 0.3228, 0.3280

Triad

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



70.1522, 0.3174, 0.3226



70.1522, 0.3206, 0.3403



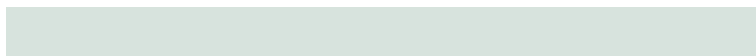
70.1522, 0.3002, 0.3242

Complementary

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



70.1522, 0.3174, 0.3226



74.5987, 0.3083, 0.3355

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.



70.1522, 0.3028, 0.3300



70.1522, 0.3174, 0.3226



70.1522, 0.3145, 0.3394

Square

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



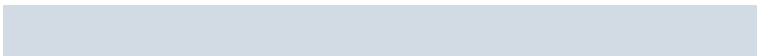
70.1522, 0.3174, 0.3226



70.1522, 0.3246, 0.3382



70.1522, 0.3080, 0.3356



70.1522, 0.3009, 0.3198

Rectangle

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



70.1522, 0.3174, 0.3226



70.1522, 0.3249, 0.3318



70.1522, 0.3080, 0.3356



70.1522, 0.3007, 0.3260

Sweetspot

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



70.1552, 0.3174, 0.3226



96.6251, 0.3144, 0.3266



69.5257, 0.3090, 0.3160



20.7171, 0.3144, 0.3267



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.



70.1552, 0.3174, 0.3226



90.1382, 0.3181, 0.3217



69.8437, 0.3215, 0.3290



15.2259, 0.3187, 0.3209



10.2419, 0.4965, 0.2509



0.7756, 0.4640, 0.2330

Inverse Universe

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



70.1552, 0.3174, 0.3226



90.1382, 0.3181, 0.3217



74.9217, 0.3045, 0.3290



15.2259, 0.3187, 0.3209



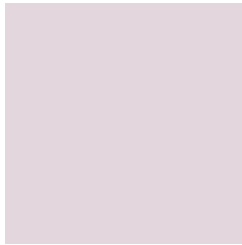
10.2419, 0.4965, 0.2509



0.7756, 0.4640, 0.2330

Previews

White Background



This preview shows how the Yxy color 70.1522, 0.3174, 0.3226 looks on a white background.

Color Contrast Check

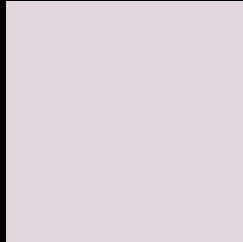
Large Text (above 18pt) WCAG AA × Fail

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 70.1522, 0.3174, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

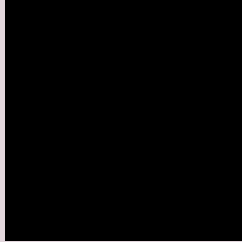
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

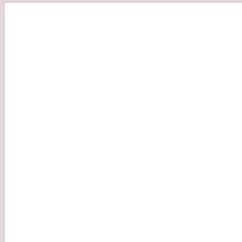
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1522, 0.3174, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 70.1522, 0.3174, 0.3226.

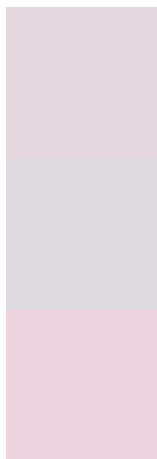


This preview shows how white text looks on a background with the Yxy color 70.1522, 0.3174, 0.3226.

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

70.1522, 0.3174, 0.3226

Protanopia

70.2718, 0.3123, 0.3236

Deuteranopia

69.8670, 0.3244, 0.3174



Tritanopia

70.3003, 0.3121, 0.3120

Trichromacy



Original Color

70.1522, 0.3174, 0.3226

Protanomaly

70.0736, 0.3137, 0.3225

Deuteranomaly

69.6845, 0.3213, 0.3184

Tritanomaly

70.1332, 0.3141, 0.3151

Monochromacy



Original Color

70.1522, 0.3174, 0.3226

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.8397, 0.3143, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1522, 0.3174, 0.3226 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, 215, 221)` looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 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(227, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 221) }
```

Border

The CSS property to change the border of an element to Yxy 70.1522, 0.3174, 0.3226 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, 215, 221) }
```

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

```
.border{ border-color:rgb(227, 215, 221) }
```

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

Here you see how a box with a 4 pixel rgb(227, 215, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(227, 215,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1522, 0.3174, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 221) }
```

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

```
.background{ background-color: rgb(227,  
215, 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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