

Converting Colors

$Yxy(62.2861, 0.3238, 0.3148)$

Have a look what the booklet for
Yxy(62.2861, 0.3238, 0.3148)
contains.

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Color

Yxy(62.2814, 0.3235, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	E2C8D5
RGB	226, 200, 213
RGB Percent	89%, 78%, 84%
CMY	0.1138, 0.2156, 0.1647
CMYK	0.00, 0.11, 0.06, 0.11
HSL	330°, 31%, 84%
HSV	330°, 11%, 89%
XYZ	64.0230, 62.2814, 71.6028
YIQ	209.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

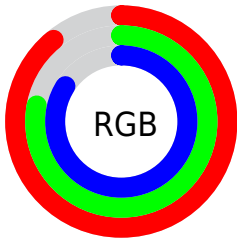
Format	Color
R _Y B	226, 200, 213
Decimal	14862549
CIE Lab	83.06, 11.30, -3.12
CIE LCh	83, 11.726, 344.552
Yxy	62.2814, 0.3235, 0.3147
Android (android.graphics.Color)	4293052629 (0xFFE2C8D5)
YUV	209.2560, 1.8458, 14.6845
Hunter-Lab	78.9186, 6.7013, 1.4492

Details

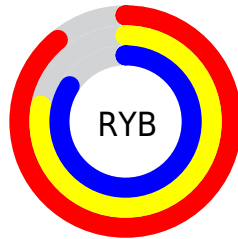
The Yxy color **62.2814, 0.3235, 0.3147** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.4629, 0.3031, 0.3437**, and the grayscale version is **63.9186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6843, 0.3271, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **52.0248, 0.3350, 0.3016**, and if you desaturate by 10%, it is **74.1303, 0.3140, 0.3272**.

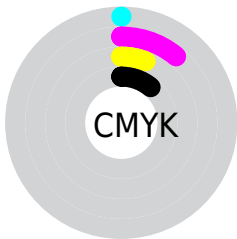
Distribution



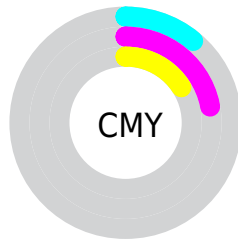
- Red (89%)
- Green (78%)
- Blue (84%)



- Red (89%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2814, 0.3235, 0.3147 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 62.2814, 0.3235, 0.3147 by changing the saturation by 10% instead.

62.2814, 0.3235,
0.3147

62.2814, 0.3235,
0.3147

432.9568, 0.3184,
0.3214

45.2601, 0.3247,
0.3131

108.1321, 0.3217,
0.3171

31.6624, 0.3262,
0.3112

137.7304, 0.3210,
0.3180

21.1037, 0.3281,
0.3087

172.2897, 0.3204,
0.3188

13.1999, 0.3306,
0.3054

212.1945, 0.3199,
0.3194

7.5663, 0.3342,
0.3007

257.8293, 0.3195,
0.3200

3.8187, 0.3395,
0.2939

309.5783, 0.3191,

1.5727, 0.3482,

0.3206

0.2827

367.8260, 0.3187,
0.3210

0.3391, 0.3923,
0.2224

0.0000, 0.0000,
0.0000

62.2814, 0.3235,
0.3147

62.2814, 0.3235,
0.3147

52.0248, 0.3350,
0.3016

74.1303, 0.3140,
0.3272

43.2839, 0.3487,
0.2881

87.6276, 0.3061,
0.3389

35.9881, 0.3650,
0.2749

94.3917, 0.2996,
0.3372

30.0577, 0.3839,
0.2626

94.9046, 0.2952,
0.3289

■ 25.4053, 0.4054,
0.2523

■ 21.9334, 0.4289,
0.2453

■ 19.5300, 0.4537,
0.2429

■ 18.0614, 0.4783,
0.2458

■ 17.3594, 0.4984,
0.2520

Harmonies

Analogous

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



62.2814, 0.3084, 0.3065



62.2814, 0.3235, 0.3147



62.2814, 0.3359, 0.3266

Triad

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



62.2814, 0.3235, 0.3147



62.2814, 0.3305, 0.3550



62.2814, 0.2844, 0.3175

Complementary

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



62.2814, 0.3235, 0.3147



71.4629, 0.3031, 0.3437

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.



62.2814, 0.2900, 0.3308



62.2814, 0.3235, 0.3147



62.2814, 0.3164, 0.3529

Square

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



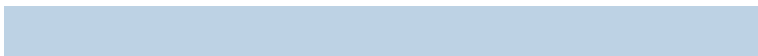
62.2814, 0.3235, 0.3147



62.2814, 0.3399, 0.3499



62.2814, 0.3017, 0.3440



62.2814, 0.2861, 0.3078

Rectangle

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



62.2814, 0.3235, 0.3147



62.2814, 0.3407, 0.3352



62.2814, 0.3017, 0.3440



62.2814, 0.2855, 0.3217

Sweetspot

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



62.2841, 0.3235, 0.3147



94.9722, 0.3153, 0.3253



60.8852, 0.3039, 0.2999



20.0475, 0.3160, 0.3243



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.



62.2841, 0.3235, 0.3147



78.2041, 0.3263, 0.3113



61.6706, 0.3329, 0.3286



13.8144, 0.3214, 0.3173



9.9301, 0.4949, 0.2500



0.7064, 0.4609, 0.2313

Inverse Universe

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



62.2841, 0.3235, 0.3147



78.2041, 0.3263, 0.3113



72.1257, 0.2954, 0.3294



13.8144, 0.3214, 0.3173



9.9301, 0.4949, 0.2500



0.7064, 0.4609, 0.2313

Previews

White Background



This preview shows how the Yxy color 62.2814, 0.3235, 0.3147 looks on a white background.

Color Contrast Check

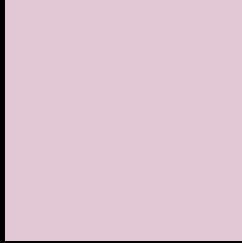
Large Text (above 18pt) WCAG AA × Fail

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 62.2814, 0.3235, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

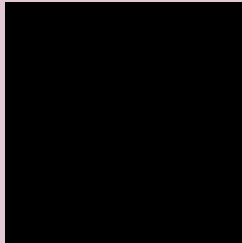
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2814, 0.3235, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 62.2814, 0.3235, 0.3147.



This preview shows how white text looks on a background with the Yxy color 62.2814, 0.3235, 0.3147.

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

62.2814, 0.3235, 0.3147

Protanopia

62.5104, 0.3073, 0.3176

Deuteranopia

62.4247, 0.3219, 0.3157



Tritanopia

62.3836, 0.3220, 0.3125

Trichromacy



Original Color

62.2814, 0.3235, 0.3147

Protanomaly

62.5391, 0.3133, 0.3166

Deuteranomaly

62.5849, 0.3227, 0.3158

Tritanomaly

62.3323, 0.3228, 0.3136

Monochromacy



Original Color

62.2814, 0.3235, 0.3147

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2428, 0.3167, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2814, 0.3235, 0.3147 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(226, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 200, 213)  
}
```

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(226, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 200, 213) }
```

Border

The CSS property to change the border of an element to Yxy 62.2814, 0.3235, 0.3147 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(226, 200, 213) }
```

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

```
.border{ border-color:rgb(226, 200, 213) }
```

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

Here you see how a box with a 4 pixel rgb(226, 200, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 200,  
213) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.2814, 0.3235, 0.3147$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 200, 213) }
```

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

```
.background{ background-color: rgb(226,  
200, 213) }
```

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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