

Converting Colors

$Yxy(63.0018, 0.3239, 0.3157)$

Have a look what the booklet for
Yxy(63.0018, 0.3239, 0.3157)
contains.

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Color

Yxy(62.9083, 0.3242, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	E3C9D5
RGB	227, 201, 213
RGB Percent	89%, 79%, 84%
CMY	0.1098, 0.2118, 0.1646
CMYK	0.00, 0.11, 0.06, 0.11
HSL	332°, 32%, 84%
HSV	332°, 11%, 89%
XYZ	64.5816, 62.9083, 71.7131
YIQ	210.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

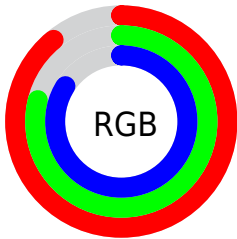
Format	Color
R _Y B	227, 201, 213
Decimal	14928341
CIE Lab	83.39, 11.15, -2.64
CIE LCh	83, 11.455, 346.667
Yxy	62.9083, 0.3242, 0.3158
Android (android.graphics.Color)	4293118421 (0xFFE3C9D5)
YUV	210.1420, 1.4090, 14.7845
Hunter-Lab	79.3148, 6.5418, 1.9128

Details

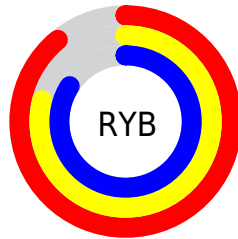
The Yxy color **62.9083, 0.3242, 0.3158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.2669, 0.3025, 0.3426**, and the grayscale version is **64.5352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1067, 0.3280, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **52.5014, 0.3365, 0.3036**, and if you desaturate by 10%, it is **74.9314, 0.3140, 0.3274**.

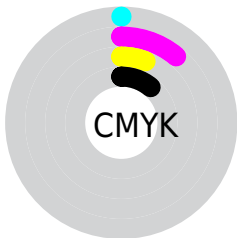
Distribution



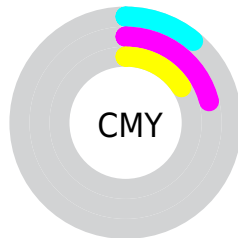
- Red (89%)
- Green (79%)
- Blue (84%)



- Red (89%)
- Yellow (79%)
- Blue (84%)



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





- Cyan (11%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9083, 0.3242, 0.3158 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 62.9083, 0.3242, 0.3158 by changing the saturation by 10% instead.


 62.9083, 0.3242,
0.3158

 62.9083, 0.3242,
0.3158


435.2366, 0.3188,
0.3220

 45.7670, 0.3255,
0.3144


109.0372, 0.3223,
0.3180

 32.0620, 0.3271,
0.3126


138.7936, 0.3216,
0.3188

 21.4089, 0.3291,
0.3102


173.5239, 0.3209,
0.3195

 13.4232, 0.3318,
0.3072

213.6124, 0.3204,
0.3202

 7.7206, 0.3356,
0.3029

259.4435, 0.3199,
0.3207

 3.9167, 0.3412,
0.2966

311.4017, 0.3195,

 1.6271, 0.3505,

0.3212

0.2864

369.8712, 0.3191,
0.3216

0.3757, 0.3936,
0.2350

0.0000, 0.0000,
0.0000

62.9083, 0.3242,
0.3158

62.9083, 0.3242,
0.3158

52.5014, 0.3365,
0.3036

74.9314, 0.3140,
0.3274

43.6330, 0.3513,
0.2911

88.6275, 0.3057,
0.3382

36.2314, 0.3689,
0.2788

94.7314, 0.2987,
0.3344

30.2160, 0.3895,
0.2675

95.0729, 0.2958,
0.3290

■ 25.4981, 0.4130,
0.2581

■ 21.9789, 0.4388,
0.2519

■ 19.5449, 0.4659,
0.2503

■ 18.0606, 0.4928,
0.2540

■ 17.3540, 0.5147,
0.2609

Harmonies

Analogous

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



62.9083, 0.3096, 0.3074



62.9083, 0.3242, 0.3158



62.9083, 0.3359, 0.3276

Triad

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



62.9083, 0.3242, 0.3158



62.9083, 0.3292, 0.3544



62.9083, 0.2850, 0.3170

Complementary

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



62.9083, 0.3242, 0.3158



72.2669, 0.3025, 0.3426

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.



62.9083, 0.2900, 0.3298



62.9083, 0.3242, 0.3158



62.9083, 0.3153, 0.3519

Square

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



62.9083, 0.3242, 0.3158



62.9083, 0.3387, 0.3499



62.9083, 0.3010, 0.3428



62.9083, 0.2872, 0.3078

Rectangle

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



62.9083, 0.3242, 0.3158



62.9083, 0.3403, 0.3360



62.9083, 0.3010, 0.3428



62.9083, 0.2859, 0.3210

Sweetspot

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



62.9111, 0.3242, 0.3158



94.9539, 0.3155, 0.3256



61.7467, 0.3049, 0.3001



20.0426, 0.3163, 0.3247



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.



62.9111, 0.3242, 0.3158



78.1255, 0.3272, 0.3127



62.7275, 0.3331, 0.3300



14.4784, 0.3220, 0.3182



10.1427, 0.5111, 0.2589



0.7681, 0.4762, 0.2397

Inverse Universe

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



62.9111, 0.3242, 0.3158



78.1255, 0.3272, 0.3127



72.4355, 0.2952, 0.3280



14.4784, 0.3220, 0.3182



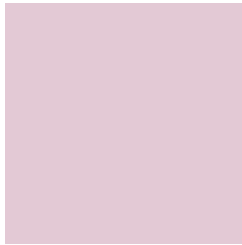
10.1427, 0.5111, 0.2589



0.7681, 0.4762, 0.2397

Previews

White Background



This preview shows how the Yxy color 62.9083, 0.3242, 0.3158 looks on a white background.

Color Contrast Check

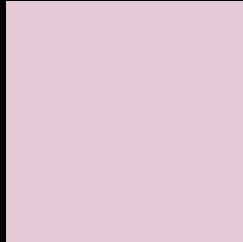
Large Text (above 18pt) WCAG AA × Fail

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 62.9083, 0.3242, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

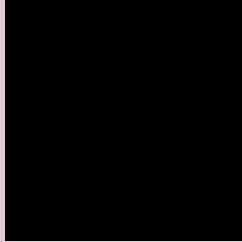
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.9083, 0.3242, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 62.9083, 0.3242, 0.3158.



This preview shows how white text looks on a background with the Yxy color 62.9083, 0.3242, 0.3158.

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

62.9083, 0.3242, 0.3158

Protanopia

63.1388, 0.3080, 0.3188

Deuteranopia

62.7461, 0.3234, 0.3158



Tritanopia

62.5973, 0.3221, 0.3115

Trichromacy



Original Color

62.9083, 0.3242, 0.3158

Protanomaly

63.1679, 0.3140, 0.3178

Deuteranomaly

62.7461, 0.3234, 0.3158

Tritanomaly

62.5457, 0.3228, 0.3126

Monochromacy



Original Color

62.9083, 0.3242, 0.3158

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9277, 0.3167, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9083, 0.3242, 0.3158 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, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(227, 201, 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(227, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 201, 213) }
```

Border

The CSS property to change the border of an element to Yxy 62.9083, 0.3242, 0.3158 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, 201, 213) }
```

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

```
.border{ border-color:rgb(227, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(227, 201,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9083, 0.3242, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 201, 213) }
```

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

```
.background{ background-color: rgb(227,  
201, 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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