

Converting Colors

Yxy(63.2139, 0.3233, 0.3169)

Have a look what the booklet for
Yxy(63.2139, 0.3233, 0.3169)
contains.

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Color

Yxy(63.2139, 0.3233, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	E2CAD5
RGB	226, 202, 213
RGB Percent	89%, 79%, 84%
CMY	0.1138, 0.2078, 0.1646
CMYK	0.00, 0.11, 0.06, 0.11
HSL	332°, 29%, 84%
HSV	332°, 11%, 89%
XYZ	64.4905, 63.2139, 71.7714
YIQ	210.4300, 10.7730, 8.5090

Conversions

Conversions Part 2

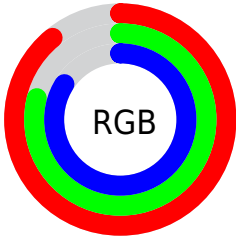
Format	Color
R _Y B	226, 202, 213
Decimal	14863061
CIE Lab	83.55, 10.25, -2.41
CIE LCh	84, 10.527, 346.755
Yxy	63.2139, 0.3233, 0.3169
Android (android.graphics.Color)	4293053141 (0xFFE2CAD5)
YUV	210.4300, 1.2670, 13.6549
Hunter-Lab	79.5072, 5.6489, 2.1337

Details

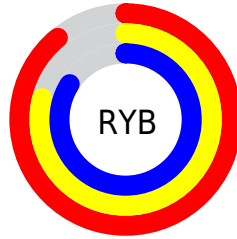
The Yxy color **63.2139, 0.3233, 0.3169** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8393, 0.3033, 0.3414**, and the grayscale version is **64.7328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3064, 0.3268, 0.3146** is the 20% darker color. If you saturate the color by 10%, you get **52.7798, 0.3355, 0.3048**, and if you desaturate by 10%, it is **75.2529, 0.3133, 0.3283**.

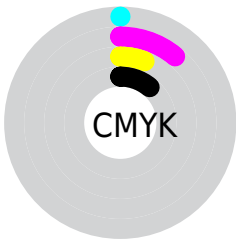
Distribution



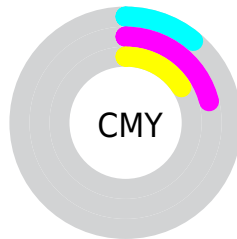
- Red (89%)
- Green (79%)
- Blue (84%)



- 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 63.2139, 0.3233, 0.3169 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 63.2139, 0.3233, 0.3169 by changing the saturation by 10% instead.


 63.2139, 0.3233,
0.3169

 63.2139, 0.3233,
0.3169


436.3454, 0.3183,
0.3226

 46.0143, 0.3245,
0.3156


109.4780, 0.3215,
0.3189

 32.2571, 0.3259,
0.3139


139.3114, 0.3209,
0.3197

 21.5579, 0.3278,
0.3118

174.1247, 0.3203,
0.3203

 13.5324, 0.3303,
0.3090

214.3024, 0.3198,
0.3209

 7.7962, 0.3338,
0.3051

260.2290, 0.3193,
0.3214

 3.9648, 0.3389,
0.2993

312.2887, 0.3190,

 1.6539, 0.3475,

0.3219

0.2899

370.8660, 0.3186,
0.3222

0.3935, 0.3865,
0.2437

0.0000, 0.0000,
0.0000

63.2139, 0.3233,
0.3169

63.2139, 0.3233,
0.3169

52.7798, 0.3355,
0.3048

75.2529, 0.3133,
0.3283

43.8741, 0.3501,
0.2924

88.9526, 0.3050,
0.3390

36.4263, 0.3676,
0.2802

94.5643, 0.2981,
0.3343

30.3573, 0.3880,
0.2688

94.9041, 0.2952,
0.3289

■ 25.5801, 0.4114,
0.2592

■ 21.9981, 0.4372,
0.2528

■ 19.5005, 0.4645,
0.2508

■ 17.9555, 0.4917,
0.2541

■ 17.1615, 0.5159,
0.2616

Harmonies

Analogous

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



63.2139, 0.3099, 0.3092



63.2139, 0.3233, 0.3169



63.2139, 0.3340, 0.3277

Triad

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



63.2139, 0.3233, 0.3169



63.2139, 0.3278, 0.3523



63.2139, 0.2873, 0.3180

Complementary

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



63.2139, 0.3233, 0.3169



71.8393, 0.3033, 0.3414

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.



63.2139, 0.2918, 0.3297



63.2139, 0.3233, 0.3169



63.2139, 0.3151, 0.3499

Square

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



63.2139, 0.3233, 0.3169



63.2139, 0.3366, 0.3482



63.2139, 0.3020, 0.3416



63.2139, 0.2893, 0.3096

Rectangle

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



63.2139, 0.3233, 0.3169



63.2139, 0.3380, 0.3355



63.2139, 0.3020, 0.3416



63.2139, 0.2881, 0.3217

Sweetspot

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



63.2167, 0.3233, 0.3169



94.9525, 0.3155, 0.3256



62.1518, 0.3055, 0.3023



20.0422, 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.



63.2167, 0.3233, 0.3169



79.5427, 0.3261, 0.3140



63.0518, 0.3314, 0.3299



13.8049, 0.3220, 0.3183



9.8169, 0.5121, 0.2595



0.6984, 0.4751, 0.2391

Inverse Universe

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



63.2167, 0.3233, 0.3169



79.5427, 0.3261, 0.3140



71.9914, 0.2965, 0.3281



13.8049, 0.3220, 0.3183



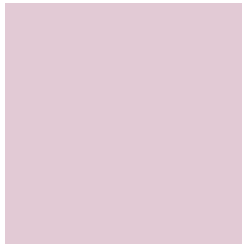
9.8169, 0.5121, 0.2595



0.6984, 0.4751, 0.2391

Previews

White Background



This preview shows how the Yxy color 63.2139, 0.3233, 0.3169 looks on a white background.

Color Contrast Check

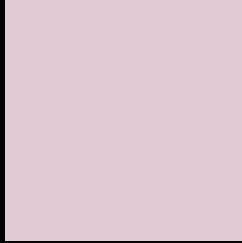
Large Text (above 18pt) WCAG AA × Fail

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 63.2139, 0.3233, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

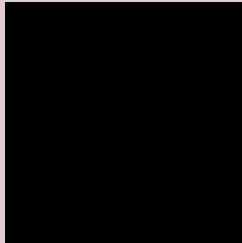
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.2139, 0.3233, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 63.2139, 0.3233, 0.3169.



This preview shows how white text looks on a background with the Yxy color 63.2139, 0.3233, 0.3169.

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

63.2139, 0.3233, 0.3169

Protanopia

63.2852, 0.3087, 0.3188

Deuteranopia

63.2139, 0.3233, 0.3169



Tritanopia

63.1139, 0.3213, 0.3115

Trichromacy



Original Color

63.2139, 0.3233, 0.3169

Protanomaly

63.1679, 0.3140, 0.3178

Deuteranomaly

63.2139, 0.3233, 0.3169

Tritanomaly

63.0620, 0.3220, 0.3126

Monochromacy



Original Color

63.2139, 0.3233, 0.3169

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 63.2139, 0.3233, 0.3169 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, 202, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 202, 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, 202, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 202, 213) }
```

Border

The CSS property to change the border of an element to Yxy 63.2139, 0.3233, 0.3169 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, 202, 213) }
```

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

```
.border{ border-color:rgb(226, 202, 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, 202, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 202, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 202, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 202,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2139, 0.3233, 0.3169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 202, 213) }
```

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

```
.background{ background-color: rgb(226,  
202, 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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