

Converting Colors

$Yxy(63.8522, 0.3140, 0.3178)$

Have a look what the booklet for
Yxy(63.8522, 0.3140, 0.3178)
contains.

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Color

Yxy(63.8522, 0.3140, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	D9CED8
RGB	217, 206, 216
RGB Percent	85%, 81%, 85%
CMY	0.1489, 0.1922, 0.1529
CMYK	0.00, 0.05, 0.00, 0.15
HSL	305°, 13%, 83%
HSV	305°, 5%, 85%
XYZ	63.0887, 63.8522, 73.9785
YIQ	210.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

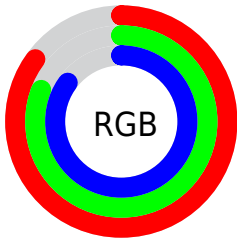
Format	Color
R _{YB}	217, 206, 216
Decimal	14274264
CIE Lab	83.89, 5.60, -3.60
CIE LCh	84, 6.659, 327.250
Yxy	63.8522, 0.3140, 0.3178
Android (android.graphics.Color)	4292464344 (0xFFD9CED8)
YUV	210.4290, 2.7465, 5.7628
Hunter-Lab	79.9076, 1.0912, 1.0445

Details

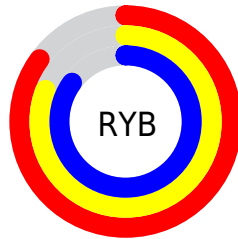
The Yxy color **63.8522, 0.3140, 0.3178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2653, 0.3115, 0.3405**, and the grayscale version is **64.7295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7111, 0.3143, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **54.0156, 0.3168, 0.2952**, and if you desaturate by 10%, it is **75.1383, 0.3115, 0.3396**.

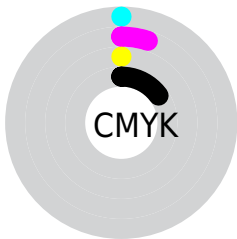
Distribution



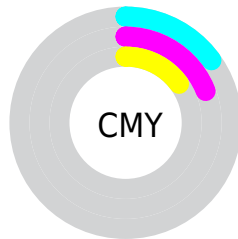
- Red (85%)
- Green (81%)
- Blue (85%)



- Red (85%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8522, 0.3140, 0.3178 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 63.8522, 0.3140, 0.3178 by changing the saturation by 10% instead.

■ 63.8522, 0.3140,
0.3178

■ 63.8522, 0.3140,
0.3178

438.6557, 0.3134,
0.3231

■ 46.5310, 0.3141,
0.3166

110.3981, 0.3138,
0.3196

■ 32.6650, 0.3143,
0.3150

140.3915, 0.3137,
0.3204

■ 21.8700, 0.3145,
0.3131

175.3777, 0.3137,
0.3210

■ 13.7614, 0.3148,
0.3105

215.7413, 0.3136,
0.3215

■ 7.9549, 0.3151,
0.3069

261.8664, 0.3135,
0.3220

■ 4.0661, 0.3156,
0.3016

314.1376, 0.3135,

■ 1.7106, 0.3164,

0.3224

0.2930

372.9393, 0.3135,
0.3227

0.4305, 0.3217,
0.2537

0.0000, 0.0000,
0.0000

63.8522, 0.3140,
0.3178

63.8522, 0.3140,
0.3178

54.0156, 0.3168,
0.2952

75.1383, 0.3115,
0.3396

45.5615, 0.3198,
0.2722

87.9209, 0.3094,
0.3601

38.4298, 0.3232,
0.2495

91.5471, 0.3081,
0.3636

32.5529, 0.3267,
0.2280

91.6538, 0.3070,
0.3615

■ 27.8572, 0.3304,
0.2087

■ 91.7617, 0.3059,
0.3594

■ 24.2614, 0.3340,
0.1925

■ 91.8708, 0.3048,
0.3573

■ 21.6739, 0.3376,
0.1801

■ 91.9812, 0.3037,
0.3551

■ 19.9885, 0.3410,
0.1721

■ 92.0929, 0.3026,
0.3530

■ 19.0751, 0.3441,
0.1685

■ 92.2058, 0.3015,
0.3509

Harmonies

Analogous

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



63.8522, 0.3057, 0.3149



63.8522, 0.3140, 0.3178



63.8522, 0.3221, 0.3236

Triad

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



63.8522, 0.3140, 0.3178



63.8522, 0.3262, 0.3425



63.8522, 0.2980, 0.3269

Complementary

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



63.8522, 0.3140, 0.3178



67.2653, 0.3115, 0.3405

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.



63.8522, 0.3034, 0.3345



63.8522, 0.3140, 0.3178



63.8522, 0.3196, 0.3435

Square

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



63.8522, 0.3140, 0.3178



63.8522, 0.3292, 0.3378



63.8522, 0.3113, 0.3406



63.8522, 0.2965, 0.3200

Rectangle

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



63.8522, 0.3140, 0.3178



63.8522, 0.3262, 0.3284



63.8522, 0.3113, 0.3406



63.8522, 0.2994, 0.3294

Sweetspot

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



63.8550, 0.3140, 0.3178



96.7592, 0.3132, 0.3246



62.4045, 0.3057, 0.3164



20.7444, 0.3132, 0.3248



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.



63.8550, 0.3140, 0.3178



90.5342, 0.3143, 0.3156



63.5787, 0.3178, 0.3238



13.8934, 0.3144, 0.3144



11.3848, 0.3451, 0.1675



0.7437, 0.3407, 0.1651

Inverse Universe

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



63.8550, 0.3140, 0.3178



90.5342, 0.3143, 0.3156



67.5355, 0.3079, 0.3342



13.8934, 0.3144, 0.3144



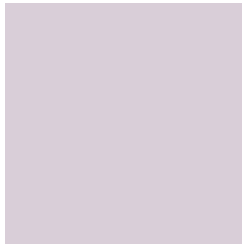
11.3848, 0.3451, 0.1675



0.7437, 0.3407, 0.1651

Previews

White Background



This preview shows how the Yxy color 63.8522, 0.3140, 0.3178 looks on a white background.

Color Contrast Check

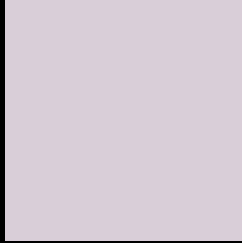
Large Text (above 18pt) WCAG AA × Fail

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 63.8522, 0.3140, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

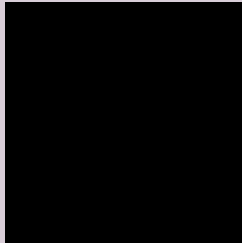
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

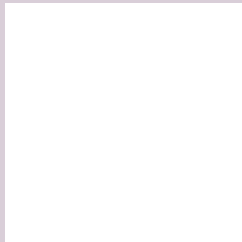
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8522, 0.3140, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 63.8522, 0.3140, 0.3178.

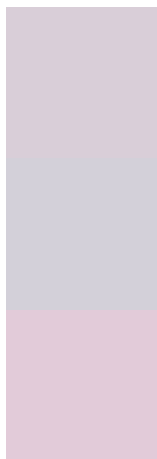


This preview shows how white text looks on a background with the Yxy color 63.8522, 0.3140, 0.3178.

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

63.8522, 0.3140, 0.3178

Protanopia

63.9704, 0.3087, 0.3188

Deuteranopia

63.8904, 0.3203, 0.3137



Tritanopia

63.7885, 0.3113, 0.3113

Trichromacy



Original Color

63.8522, 0.3140, 0.3178

Protanomaly

63.7815, 0.3103, 0.3177

Deuteranomaly

63.8835, 0.3180, 0.3147

Tritanomaly

63.6825, 0.3127, 0.3134

Monochromacy



Original Color

63.8522, 0.3140, 0.3178

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5005, 0.3136, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8522, 0.3140, 0.3178 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(217, 206, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 216)  
}
```

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(217, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 216) }
```

Border

The CSS property to change the border of an element to Yxy 63.8522, 0.3140, 0.3178 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(217, 206, 216) }
```

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

```
.border{ border-color:rgb(217, 206, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 206, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8522, 0.3140, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 216) }
```

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

```
.background{ background-color: rgb(217,  
206, 216) }
```

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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