

Converting Colors

$Yxy(62.7374, 0.3106, 0.3260)$

Have a look what the booklet for
Yxy(62.7374, 0.3106, 0.3260)
contains.

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Color

Yxy(62.5442, 0.3106, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	CFCFD2
RGB	207, 207, 210
RGB Percent	81%, 81%, 82%
CMY	0.1882, 0.1882, 0.1763
CMYK	0.01, 0.01, 0.00, 0.18
HSL	240°, 3%, 82%
HSV	240°, 1%, 82%
XYZ	59.6812, 62.5442, 69.9227
YIQ	207.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

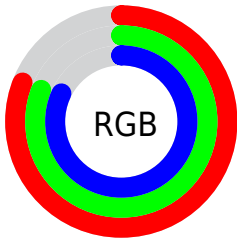
Format	Color
R _Y B	207, 207, 210
Decimal	13619154
CIE Lab	83.20, 0.56, -1.51
CIE LCh	83, 1.614, 290.392
Yxy	62.5442, 0.3106, 0.3255
Android (android.graphics.Color)	4291809234 (0xFFCFCFD2)
YUV	207.3420, 1.3104, -0.2999
Hunter-Lab	79.0849, -3.6940, 2.9383

Details

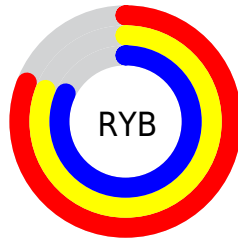
The Yxy color `62.5442, 0.3106, 0.3255` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `64.3231, 0.3148, 0.3325`, and the grayscale version is `62.6234, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `31.9551, 0.3100, 0.3244` is the 20% darker color. If you saturate the color by 10%, you get `50.2133, 0.2948, 0.2993`, and if you desaturate by 10%, it is `76.6359, 0.3244, 0.3483`.

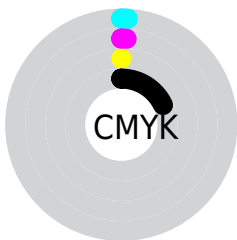
Distribution



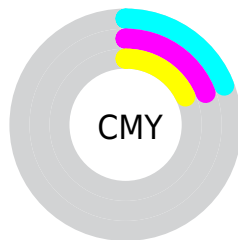
- Red (81%)
- Green (81%)
- Blue (82%)



- Red (81%)
- Yellow (81%)
- Blue (82%)



- Cyan (1%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5442, 0.3106, 0.3255 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 62.5442, 0.3106, 0.3255 by changing the saturation by 10% instead.

■ 62.5442, 0.3106,
0.3255

■ 62.5442, 0.3106,
0.3255

433.9134, 0.3116,
0.3272

■ 45.4726, 0.3104,
0.3251

108.5117, 0.3110,
0.3261

■ 31.8298, 0.3101,
0.3246

138.1763, 0.3111,
0.3263

■ 21.2315, 0.3097,
0.3240

172.8074, 0.3112,
0.3265

■ 13.2934, 0.3092,
0.3231

212.7893, 0.3113,
0.3267

■ 7.6309, 0.3084,
0.3219

258.5065, 0.3114,
0.3268

■ 3.8597, 0.3073,
0.3201

310.3433, 0.3115,

■ 1.5954, 0.3055,

0.3270

0.3171

368.6841, 0.3115,
0.3271

0.3545, 0.2930,
0.2962

0.0000, 0.0000,
0.0000

62.5442, 0.3106,
0.3255

62.5442, 0.3106,
0.3255

50.2133, 0.2948,
0.2993

76.6359, 0.3244,
0.3483

39.5663, 0.2769,
0.2698

92.5454, 0.3363,
0.3679

30.5327, 0.2571,
0.2371

97.4350, 0.3393,
0.3730

23.0337, 0.2360,
0.2021

■ 16.9843, 0.2144,
0.1666

■ 12.2907, 0.1939,
0.1326

■ 8.8486, 0.1760,
0.1030

■ 6.5382, 0.1624,
0.0804

■ 5.2167, 0.1538,
0.0663

Harmonies

Analogous

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



62.5442, 0.3092, 0.3259



62.5442, 0.3106, 0.3255



62.5442, 0.3126, 0.3260

Triad

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



62.5442, 0.3106, 0.3255



62.5442, 0.3167, 0.3308



62.5442, 0.3109, 0.3307

Complementary

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



62.5442, 0.3106, 0.3255



64.3231, 0.3148, 0.3325

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.



62.5442, 0.3129, 0.3321



62.5442, 0.3106, 0.3255



62.5442, 0.3163, 0.3321

Square

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



62.5442, 0.3106, 0.3255



62.5442, 0.3161, 0.3291



62.5442, 0.3148, 0.3326



62.5442, 0.3093, 0.3289

Rectangle

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



62.5442, 0.3106, 0.3255



62.5442, 0.3140, 0.3268



62.5442, 0.3148, 0.3326



62.5442, 0.3115, 0.3312

Sweetspot

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



62.5469, 0.3106, 0.3255

100.0000, 0.3127, 0.3290



64.0294, 0.3105, 0.3291



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5469, 0.3106, 0.3255



95.8355, 0.3097, 0.3241



62.7588, 0.3117, 0.3255



13.4557, 0.3100, 0.3244



2.8394, 0.1500, 0.0600



0.1590, 0.1500, 0.0601

Inverse Universe

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



62.8381, 0.3150, 0.3290



96.4650, 0.3159, 0.3290



64.1091, 0.3137, 0.3325



13.5378, 0.3157, 0.3290



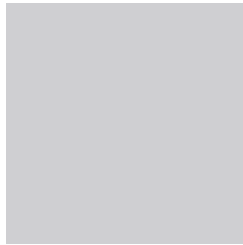
8.3579, 0.6400, 0.3300



0.4673, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 62.5442, 0.3106, 0.3255 looks on a white background.

Color Contrast Check

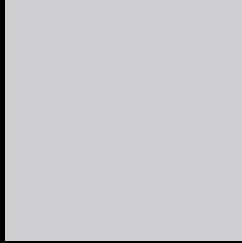
Large Text (above 18pt) WCAG AA × Fail

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 62.5442, 0.3106, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

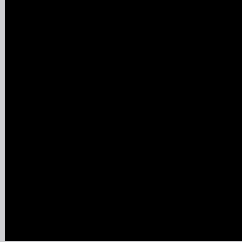
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

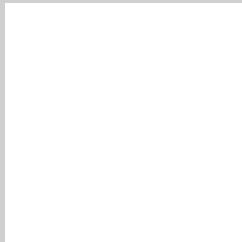
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5442, 0.3106, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 62.5442, 0.3106, 0.3255.

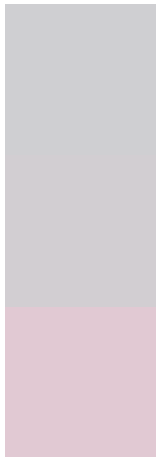


This preview shows how white text looks on a background with the Yxy color 62.5442, 0.3106, 0.3255.

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

62.5442, 0.3106, 0.3255

Protanopia

62.4974, 0.3129, 0.3244

Deuteranopia

62.4840, 0.3241, 0.3180



Tritanopia

62.4384, 0.3046, 0.3109

Trichromacy



Original Color

62.5442, 0.3106, 0.3255

Protanomaly

62.3511, 0.3122, 0.3244

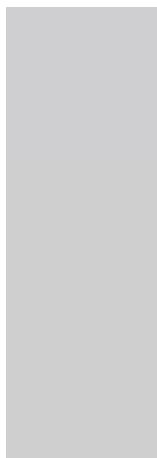
Deuteranomaly

62.3204, 0.3185, 0.3200

Tritanomaly

62.5623, 0.3066, 0.3165

Monochromacy



Original Color

62.5442, 0.3106, 0.3255

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4451, 0.3120, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5442, 0.3106, 0.3255 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(207, 207, 210)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 210)  
}
```

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(207, 207, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 210) }
```

Border

The CSS property to change the border of an element to Yxy 62.5442, 0.3106, 0.3255 is called "border". The border property can be set on classes, ids or directly on the HTML element.

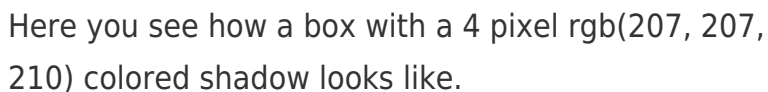
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 207, 210) }
```

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

```
.border{ border-color:rgb(207, 207, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 207, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 210);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
210) }
```

Background

The CSS property to change the background color of an element to Yxy 62.5442, 0.3106, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 210) }
```

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

```
.background{ background-color: rgb(207,  
207, 210) }
```

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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