

Converting Colors

Yxy(64.9660, 0.3167, 0.3189)

Have a look what the booklet for
Yxy(64.9660, 0.3167, 0.3189)
contains.

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Color

Yxy(64.9557, 0.3170, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	D D C F D 8
RGB	221, 207, 216
RGB Percent	87%, 81%, 85%
CMY	0.1332, 0.1882, 0.1531
CMYK	0.00, 0.06, 0.02, 0.13
HSL	322°, 17%, 84%
HSV	322°, 6%, 87%
XYZ	64.5282, 64.9557, 74.0751
YIQ	212.2120, 5.4550, 5.7670

Conversions

Conversions Part 2

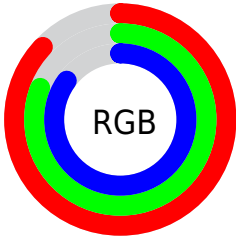
Format	Color
R _Y B	221, 207, 216
Decimal	14536664
CIE Lab	84.46, 6.43, -2.69
CIE LCh	84, 6.968, 337.270
Yxy	64.9557, 0.3170, 0.3191
Android (android.graphics.Color)	4292726744 (0xFFDDCFD8)
YUV	212.2120, 1.8675, 7.7071
Hunter-Lab	80.5951, 1.8741, 1.9230

Details

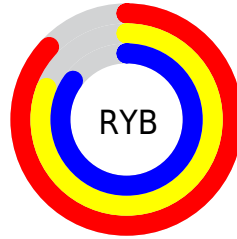
The Yxy color **64.9557, 0.3170, 0.3191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7503, 0.3087, 0.3391**, and the grayscale version is **65.9737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4627, 0.3182, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **54.5848, 0.3248, 0.3029**, and if you desaturate by 10%, it is **76.8515, 0.3105, 0.3345**.

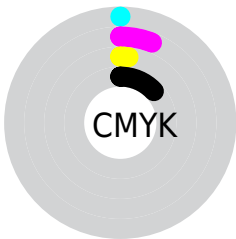
Distribution



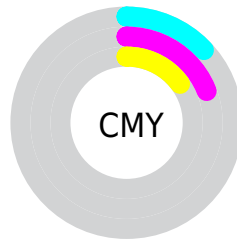
- Red (87%)
- Green (81%)
- Blue (85%)



- Red (87%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9557, 0.3170, 0.3191 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 64.9557, 0.3170, 0.3191 by changing the saturation by 10% instead.

■ 64.9557, 0.3170,
0.3191

■ 64.9557, 0.3170,
0.3191

442.6328, 0.3150,
0.3238

■ 47.4252, 0.3175,
0.3180

111.9862, 0.3163,
0.3207

■ 33.3719, 0.3180,
0.3167

142.2549, 0.3160,
0.3214

■ 22.4115, 0.3188,
0.3150

177.5384, 0.3158,
0.3219

■ 14.1596, 0.3197,
0.3127

218.2212, 0.3156,
0.3224

■ 8.2317, 0.3211,
0.3096

264.6877, 0.3154,
0.3228

■ 4.2436, 0.3231,
0.3049

317.3221, 0.3153,

■ 1.8107, 0.3263,

0.3231

0.2974

376.5090, 0.3151,
0.3235

0.4938, 0.3392,
0.2675

0.0000, 0.0000,
0.0000

64.9557, 0.3170,
0.3191

64.9557, 0.3170,
0.3191

54.5848, 0.3248,
0.3029

76.8515, 0.3105,
0.3345

45.6681, 0.3340,
0.2861

90.3223, 0.3050,
0.3490

38.1419, 0.3447,
0.2693

93.1827, 0.3005,
0.3444

31.9345, 0.3571,
0.2532

93.6676, 0.2961,
0.3362

■ 26.9676, 0.3709,
0.2387

■ 94.1166, 0.2923,
0.3289

■ 23.1548, 0.3860,
0.2270

■ 20.3983, 0.4020,
0.2192

■ 18.5840, 0.4183,
0.2161

■ 17.5687, 0.4342,
0.2182

Harmonies

Analogous

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



64.9557, 0.3082, 0.3149



64.9557, 0.3170, 0.3191



64.9557, 0.3248, 0.3258

Triad

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



64.9557, 0.3170, 0.3191



64.9557, 0.3248, 0.3438



64.9557, 0.2964, 0.3242

Complementary

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



64.9557, 0.3170, 0.3191



69.7503, 0.3087, 0.3391

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.



64.9557, 0.3008, 0.3321



64.9557, 0.3170, 0.3191



64.9557, 0.3171, 0.3436

Square

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



64.9557, 0.3170, 0.3191



64.9557, 0.3293, 0.3401



64.9557, 0.3083, 0.3393



64.9557, 0.2964, 0.3177

Rectangle

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



64.9557, 0.3170, 0.3191



64.9557, 0.3283, 0.3310



64.9557, 0.3083, 0.3393



64.9557, 0.2974, 0.3268

Sweetspot

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



64.9585, 0.3170, 0.3191



96.6710, 0.3140, 0.3259



63.8318, 0.3067, 0.3132



20.7264, 0.3140, 0.3261



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.



64.9585, 0.3170, 0.3191



87.2023, 0.3182, 0.3164



64.6113, 0.3219, 0.3267



13.1908, 0.3193, 0.3142



10.0724, 0.4377, 0.2185



0.6688, 0.4137, 0.2053

Inverse Universe

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



64.9585, 0.3170, 0.3191



87.2023, 0.3182, 0.3164



70.1038, 0.3042, 0.3313



13.1908, 0.3193, 0.3142



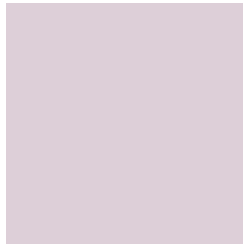
10.0724, 0.4377, 0.2185



0.6688, 0.4137, 0.2053

Previews

White Background



This preview shows how the Yxy color 64.9557, 0.3170, 0.3191 looks on a white background.

Color Contrast Check

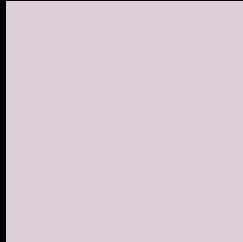
Large Text (above 18pt) WCAG AA × Fail

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 64.9557, 0.3170, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

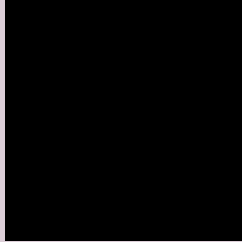
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

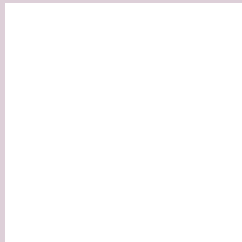
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.9557, 0.3170, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 64.9557, 0.3170, 0.3191.



This preview shows how white text looks on a background with the Yxy color 64.9557, 0.3170, 0.3191.

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

64.9557, 0.3170, 0.3191

Protanopia

65.3013, 0.3094, 0.3200

Deuteranopia

64.8016, 0.3233, 0.3160



Tritanopia

64.9461, 0.3135, 0.3115

Trichromacy



Original Color

64.9557, 0.3170, 0.3191

Protanomaly

65.2096, 0.3124, 0.3201

Deuteranomaly

64.7893, 0.3209, 0.3170

Tritanomaly

64.8395, 0.3149, 0.3136

Monochromacy



Original Color

64.9557, 0.3170, 0.3191

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.3444, 0.3144, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9557, 0.3170, 0.3191 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(221, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 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(221, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 216) }
```

Border

The CSS property to change the border of an element to Yxy 64.9557, 0.3170, 0.3191 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(221, 207, 216) }
```

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

```
.border{ border-color:rgb(221, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9557, 0.3170, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 216) }
```

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

```
.background{ background-color: rgb(221,  
207, 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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