

Converting Colors

Yxy(62.0304, 0.3073, 0.3164)

Have a look what the booklet for
Yxy(62.0304, 0.3073, 0.3164)
contains.

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Color

Yxy(62.0304, 0.3073, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	D0CDD8
RGB	208, 205, 216
RGB Percent	82%, 80%, 85%
CMY	0.1842, 0.1961, 0.1529
CMYK	0.04, 0.05, 0.00, 0.15
HSL	257°, 12%, 83%
HSV	257°, 5%, 85%
XYZ	60.2463, 62.0304, 73.7738
YIQ	207.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

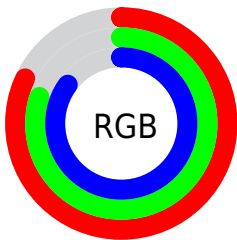
Format	Color
R _{YB}	208, 205, 216
Decimal	13684184
CIE Lab	82.93, 3.08, -5.09
CIE LCh	83, 5.954, 301.190
Yxy	62.0304, 0.3073, 0.3164
Android (android.graphics.Color)	4291874264 (0xFFD0CDD8)
YUV	207.1510, 4.3626, 0.7446
Hunter-Lab	78.7594, -1.2868, -0.4053

Details

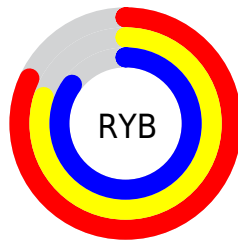
The Yxy color **62.0304, 0.3073, 0.3164** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.6707, 0.3180, 0.3415**, and the grayscale version is **62.4760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.5765, 0.3064, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **50.2445, 0.2954, 0.2897**, and if you desaturate by 10%, it is **75.4722, 0.3175, 0.3404**.

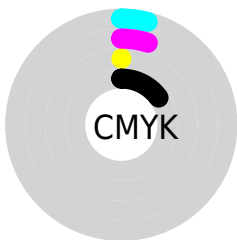
Distribution



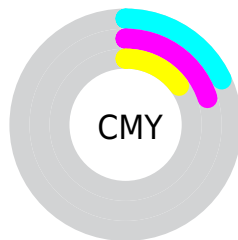
- Red (82%)
- Green (80%)
- Blue (85%)



- Red (82%)
- Yellow (80%)
- Blue (85%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (18%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.0304, 0.3073, 0.3164 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 62.0304, 0.3073, 0.3164 by changing the saturation by 10% instead.

■ 62.0304, 0.3073,
0.3164

■ 62.0304, 0.3073,
0.3164

432.0420, 0.3099,
0.3224

■ 45.0573, 0.3067,
0.3150

107.7695, 0.3082,
0.3185

■ 31.5025, 0.3059,
0.3133

137.3042, 0.3086,
0.3193

■ 20.9818, 0.3049,
0.3110

171.7949, 0.3089,
0.3200

■ 13.1107, 0.3036,
0.3080

211.6260, 0.3091,
0.3206

■ 7.5048, 0.3017,
0.3039

257.1818, 0.3094,
0.3211

■ 3.7798, 0.2988,
0.2976

308.8468, 0.3096,

■ 1.5511, 0.2939,

0.3216

0.2873

367.0054, 0.3097,
0.3220

0.3243, 0.2706,
0.2289

0.0000, 0.0000,
0.0000

62.0304, 0.3073,
0.3164

62.0304, 0.3073,
0.3164

50.2445, 0.2954,
0.2897

75.4722, 0.3175,
0.3404

40.0418, 0.2818,
0.2603

90.6228, 0.3263,
0.3617

31.3564, 0.2666,
0.2289

97.7342, 0.3357,
0.3671

24.1142, 0.2499,
0.1963

97.7387, 0.3357,
0.3671

■ 18.2349, 0.2324,
0.1640

■ 13.6302, 0.2147,
0.1337

■ 10.2012, 0.1980,
0.1074

■ 7.8336, 0.1832,
0.0871

■ 6.3889, 0.1713,
0.0737

Harmonies

Analogous

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



62.0304, 0.3012, 0.3166



62.0304, 0.3073, 0.3164



62.0304, 0.3149, 0.3194

Triad

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



62.0304, 0.3073, 0.3164



62.0304, 0.3274, 0.3376



62.0304, 0.3035, 0.3331

Complementary

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



62.0304, 0.3073, 0.3164



67.6707, 0.3180, 0.3415

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.



62.0304, 0.3104, 0.3389



62.0304, 0.3073, 0.3164



62.0304, 0.3243, 0.3415

Square

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



62.0304, 0.3073, 0.3164



62.0304, 0.3266, 0.3316



62.0304, 0.3180, 0.3420



62.0304, 0.2990, 0.3262

Rectangle

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



62.0304, 0.3073, 0.3164



62.0304, 0.3198, 0.3229



62.0304, 0.3180, 0.3420



62.0304, 0.3056, 0.3352

Sweetspot

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



62.0330, 0.3073, 0.3164



96.0951, 0.3106, 0.3241



65.5644, 0.3049, 0.3256



20.6092, 0.3107, 0.3243



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.



62.0330, 0.3073, 0.3164



88.5819, 0.3062, 0.3140



62.8312, 0.3114, 0.3166



12.9075, 0.3056, 0.3126



3.5410, 0.1678, 0.0698



0.2548, 0.1863, 0.0800

Inverse Universe

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



63.0643, 0.3154, 0.3200



90.3550, 0.3160, 0.3183



66.8748, 0.3140, 0.3416



13.1910, 0.3163, 0.3174



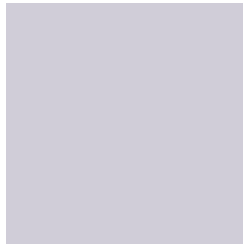
10.0903, 0.4050, 0.2004



0.6223, 0.3872, 0.1907

Previews

White Background



This preview shows how the Yxy color 62.0304, 0.3073, 0.3164 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 62.0304, 0.3073, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

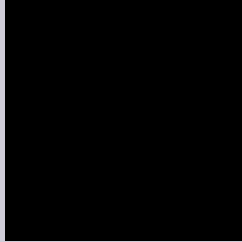
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0304, 0.3073, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 62.0304, 0.3073, 0.3164.

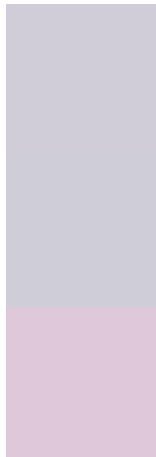


This preview shows how white text looks on a background with the Yxy color 62.0304, 0.3073, 0.3164.

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

62.0304, 0.3073, 0.3164

Protanopia

61.8859, 0.3065, 0.3164

Deuteranopia

61.8479, 0.3175, 0.3102



Tritanopia

61.9083, 0.3053, 0.3108

Trichromacy



Original Color

62.0304, 0.3073, 0.3164

Protanomaly

61.8859, 0.3065, 0.3164

Deuteranomaly

62.0025, 0.3135, 0.3122

Tritanomaly

61.8555, 0.3060, 0.3119

Monochromacy



Original Color

62.0304, 0.3073, 0.3164

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.0612, 0.3107, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0304, 0.3073, 0.3164 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(208, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(208, 205, 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(208, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 205, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.0304, 0.3073, 0.3164 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(208, 205, 216) }
```

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

```
.border{ border-color:rgb(208, 205, 216) }
```

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

Here you see how a box with a 4 pixel rgb(208, 205, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(208, 205,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0304, 0.3073, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 205, 216) }
```

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

```
.background{ background-color: rgb(208,  
205, 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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