

Converting Colors

$Yxy(62.1663, 0.3004, 0.3074)$

Have a look what the booklet for
Yxy(62.1663, 0.3004, 0.3074)
contains.

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Color

Yxy(62.1663, 0.3004, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	CECDE0
RGB	206, 205, 224
RGB Percent	81%, 80%, 88%
CMY	0.1919, 0.1961, 0.1216
CMYK	0.08, 0.08, 0.00, 0.12
HSL	243°, 23%, 84%
HSV	243°, 8%, 88%
XYZ	60.7507, 62.1663, 79.3156
YIQ	207.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

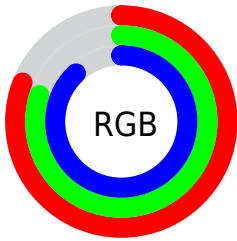
Format	Color
R _Y B	206, 205, 224
Decimal	13553120
CIE Lab	83.00, 3.97, -9.26
CIE LCh	83, 10.076, 293.189
Yxy	62.1663, 0.3004, 0.3074
Android (android.graphics.Color)	4291743200 (0xFFCECDE0)
YUV	207.4650, 8.1518, -1.2848
Hunter-Lab	78.8456, -0.4453, -4.4515

Details

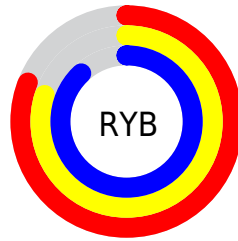
The Yxy color **62.1663, 0.3004, 0.3074** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3937, 0.3245, 0.3498**, and the grayscale version is **62.6676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.6732, 0.2973, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **49.3834, 0.2840, 0.2789**, and if you desaturate by 10%, it is **76.8954, 0.3148, 0.3326**.

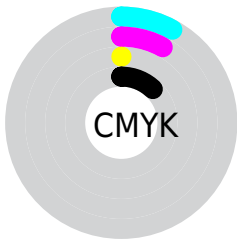
Distribution



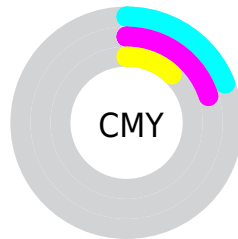
- Red (81%)
- Green (80%)
- Blue (88%)



- Red (81%)
- Yellow (80%)
- Blue (88%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1663, 0.3004, 0.3074 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 62.1663, 0.3004, 0.3074 by changing the saturation by 10% instead.

■ 62.1663, 0.3004,
0.3074

■ 62.1663, 0.3004,
0.3074

432.5374, 0.3063,
0.3176

■ 45.1671, 0.2990,
0.3050

107.9658, 0.3025,
0.3110

■ 31.5891, 0.2973,
0.3021

137.5350, 0.3033,
0.3123

■ 21.0478, 0.2950,
0.2983

172.0628, 0.3040,
0.3135

■ 13.1590, 0.2920,
0.2933

211.9339, 0.3046,
0.3146

■ 7.5381, 0.2878,
0.2863

257.5325, 0.3051,
0.3155

■ 3.8008, 0.2814,
0.2760

309.2430, 0.3055,

■ 1.5628, 0.2707,

0.3162

0.2593

367.4498, 0.3059,
0.3170

0.3323, 0.2352,
0.1893

0.0000, 0.0000,
0.0000

62.1663, 0.3004,
0.3074

62.1663, 0.3004,
0.3074

49.3834, 0.2840,
0.2789

76.8954, 0.3148,
0.3326

38.4580, 0.2657,
0.2472

93.6392, 0.3272,
0.3546

29.3058, 0.2457,
0.2132

98.1617, 0.3310,
0.3592

21.8334, 0.2248,
0.1779

■ 15.9386, 0.2042,
0.1436

■ 11.5080, 0.1852,
0.1126

■ 8.4132, 0.1695,
0.0877

■ 6.5035, 0.1583,
0.0706

■ 5.5637, 0.1520,
0.0617

Harmonies

Analogous

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



62.1663, 0.2914, 0.3092



62.1663, 0.3004, 0.3074



62.1663, 0.3128, 0.3111

Triad

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



62.1663, 0.3004, 0.3074



62.1663, 0.3380, 0.3409



62.1663, 0.2999, 0.3388

Complementary

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



62.1663, 0.3004, 0.3074



73.3937, 0.3245, 0.3498

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.



62.1663, 0.3122, 0.3478



62.1663, 0.3004, 0.3074



62.1663, 0.3343, 0.3488

Square

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



62.1663, 0.3004, 0.3074



62.1663, 0.3347, 0.3302



62.1663, 0.3248, 0.3515



62.1663, 0.2912, 0.3272

Rectangle

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



62.1663, 0.3004, 0.3074



62.1663, 0.3214, 0.3163



62.1663, 0.3248, 0.3515



62.1663, 0.3038, 0.3423

Sweetspot

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



62.1689, 0.3004, 0.3074



93.8722, 0.3085, 0.3216



71.1596, 0.2996, 0.3279



19.7508, 0.3073, 0.3196



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.



62.1689, 0.3004, 0.3074



80.5138, 0.2979, 0.3031



63.5531, 0.3073, 0.3079



13.2799, 0.2989, 0.3048



3.1965, 0.1518, 0.0610



0.2347, 0.1571, 0.0639

Inverse Universe

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



64.8278, 0.3144, 0.3094



84.7036, 0.3148, 0.3057



71.9446, 0.3178, 0.3502



13.9216, 0.3146, 0.3072



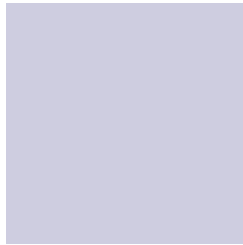
11.9792, 0.3355, 0.1622



0.8345, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 62.1663, 0.3004, 0.3074 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 62.1663, 0.3004, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

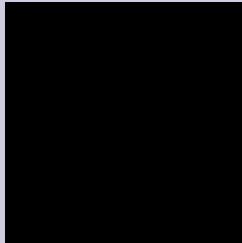
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

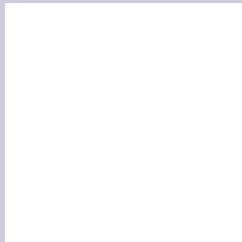
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1663, 0.3004, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 62.1663, 0.3004, 0.3074.

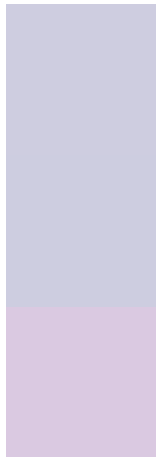


This preview shows how white text looks on a background with the Yxy color 62.1663, 0.3004, 0.3074.

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

62.1663, 0.3004, 0.3074

Protanopia

62.0236, 0.2996, 0.3074

Deuteranopia

62.1150, 0.3086, 0.3024



Tritanopia

62.0584, 0.3017, 0.3096

Trichromacy



Original Color

62.1663, 0.3004, 0.3074

Protanomaly

62.0236, 0.2996, 0.3074

Deuteranomaly

61.9734, 0.3056, 0.3033

Tritanomaly

62.1122, 0.3010, 0.3085

Monochromacy



Original Color

62.1663, 0.3004, 0.3074

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2121, 0.3086, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1663, 0.3004, 0.3074 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(206, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(206, 205, 224)  
}
```

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(206, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 205, 224) }
```

Border

The CSS property to change the border of an element to Yxy 62.1663, 0.3004, 0.3074 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(206, 205, 224) }
```

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

```
.border{ border-color:rgb(206, 205, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 205, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 205, 224);  
box-shadow:4px 4px 4px 4px rgb(206, 205,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1663, 0.3004, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 205, 224) }
```

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

```
.background{ background-color: rgb(206,  
205, 224) }
```

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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