

Converting Colors

Yxy(62.4968, 0.3070, 0.3040)

Have a look what the booklet for
Yxy(62.4968, 0.3070, 0.3040)
contains.

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Color

Yxy(62.7470, 0.3071, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	D8CBE1
RGB	216, 203, 225
RGB Percent	85%, 80%, 88%
CMY	0.1529, 0.2039, 0.1178
CMYK	0.04, 0.10, 0.00, 0.12
HSL	275°, 27%, 84%
HSV	275°, 10%, 88%
XYZ	63.2620, 62.7470, 79.9890
YIQ	209.3950, 0.6860, 9.5980

Conversions

Conversions Part 2

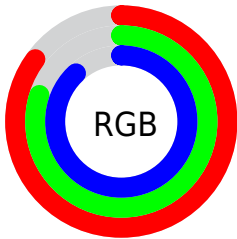
Format	Color
R _Y B	216, 203, 225
Decimal	14207969
CIE Lab	83.31, 8.50, -9.24
CIE LCh	83, 12.553, 312.604
Yxy	62.7470, 0.3071, 0.3046
Android (android.graphics.Color)	4292398049 (0xFFD8CBE1)
YUV	209.3950, 7.6933, 5.7926
Hunter-Lab	79.2130, 3.9330, -4.4217

Details

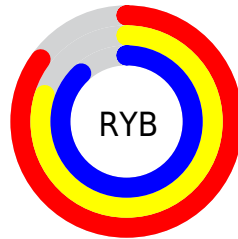
The Yxy color $62.7470, 0.3071, 0.3046$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.1402, 0.3179, 0.3536$, and the grayscale version is $63.9810, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.9742, 0.3052, 0.2984$ is the 20% darker color. If you saturate the color by 10%, you get $51.5227, 0.3003, 0.2778$, and if you desaturate by 10%, it is $75.5967, 0.3128, 0.3296$.

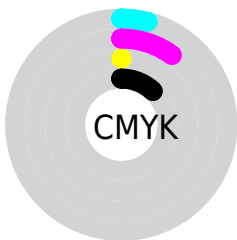
Distribution



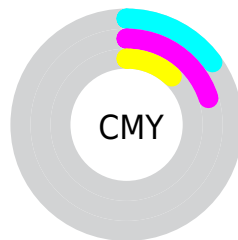
- Red (85%)
- Green (80%)
- Blue (88%)



- Red (85%)
- Yellow (80%)
- Blue (88%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (15%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.7470, 0.3071, 0.3046 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 62.7470, 0.3071, 0.3046 by changing the saturation by 10% instead.

62.7470, 0.3071,
0.3046

62.7470, 0.3071,
0.3046

434.6507, 0.3098,
0.3160

45.6366, 0.3064,
0.3020

108.8044, 0.3081,
0.3086

31.9591, 0.3056,
0.2987

138.5202, 0.3085,
0.3101

21.3303, 0.3045,
0.2945

173.2066, 0.3088,
0.3115

13.3656, 0.3030,
0.2890

213.2479, 0.3090,
0.3126

7.6808, 0.3009,
0.2815

259.0286, 0.3093,
0.3136

3.8914, 0.2976,
0.2704

310.9330, 0.3095,

1.6130, 0.2920,

0.3145

0.2527

369.3456, 0.3097,
0.3153

0.3663, 0.2822,
0.1860

0.0000, 0.0000,
0.0000

62.7470, 0.3071,
0.3046

62.7470, 0.3071,
0.3046

51.5227, 0.3003,
0.2778

75.5967, 0.3128,
0.3296

41.8484, 0.2925,
0.2497

90.1272, 0.3176,
0.3525

33.6546, 0.2835,
0.2210

96.1097, 0.3230,
0.3589

26.8632, 0.2736,
0.1927

97.7905, 0.3289,
0.3583

■ 21.3888, 0.2630,
0.1660

■ 98.2146, 0.3304,
0.3582

■ 17.1364, 0.2519,
0.1423

■ 13.9976, 0.2409,
0.1229

■ 11.8440, 0.2303,
0.1085

■ 10.4585, 0.2204,
0.0989

Harmonies

Analogous

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



62.7470, 0.2928, 0.3023



62.7470, 0.3071, 0.3046



62.7470, 0.3232, 0.3130

Triad

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



62.7470, 0.3071, 0.3046



62.7470, 0.3422, 0.3507



62.7470, 0.2891, 0.3319

Complementary

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



62.7470, 0.3071, 0.3046



72.1402, 0.3179, 0.3536

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.



62.7470, 0.3019, 0.3458



62.7470, 0.3071, 0.3046



62.7470, 0.3325, 0.3567

Square

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



62.7470, 0.3071, 0.3046



62.7470, 0.3437, 0.3392



62.7470, 0.3177, 0.3550



62.7470, 0.2827, 0.3175

Rectangle

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



62.7470, 0.3071, 0.3046



62.7470, 0.3328, 0.3211



62.7470, 0.3177, 0.3550



62.7470, 0.2928, 0.3368

Sweetspot

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



62.7497, 0.3071, 0.3046



94.6281, 0.3111, 0.3217



65.2990, 0.2976, 0.3145



19.9543, 0.3106, 0.3197



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.



62.7497, 0.3071, 0.3046



79.7130, 0.3056, 0.2985



64.0539, 0.3151, 0.3071



13.6420, 0.3073, 0.3054



6.0814, 0.2216, 0.0995



0.4735, 0.2366, 0.1077

Inverse Universe

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



63.4710, 0.3232, 0.3191



80.8950, 0.3260, 0.3167



70.9320, 0.3104, 0.3520



13.7929, 0.3228, 0.3195



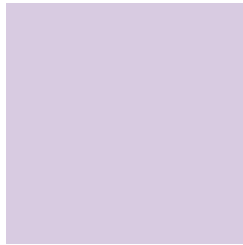
9.6903, 0.5335, 0.2713



0.6891, 0.4932, 0.2491

Previews

White Background



This preview shows how the Yxy color 62.7470, 0.3071, 0.3046 looks on a white background.

Color Contrast Check

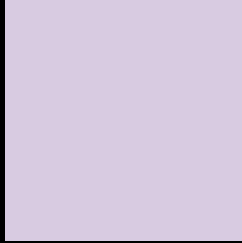
Large Text (above 18pt) WCAG AA × Fail

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 62.7470, 0.3071, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

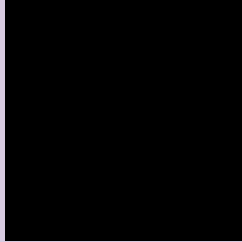
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

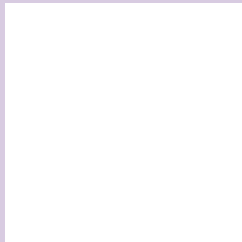
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7470, 0.3071, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 62.7470, 0.3071, 0.3046.



This preview shows how white text looks on a background with the Yxy color 62.7470, 0.3071, 0.3046.

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

62.7470, 0.3071, 0.3046

Protanopia

62.8105, 0.2984, 0.3053

Deuteranopia

62.8929, 0.3101, 0.3037



Tritanopia

62.8001, 0.3098, 0.3111

Trichromacy



Original Color

62.7470, 0.3071, 0.3046

Protanomaly

62.8553, 0.3019, 0.3054

Deuteranomaly

62.7374, 0.3094, 0.3036

Tritanomaly

62.9067, 0.3084, 0.3089

Monochromacy



Original Color

62.7470, 0.3071, 0.3046

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5290, 0.3109, 0.3200

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7470, 0.3071, 0.3046 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(216, 203, 225)` looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 225)  
}
```

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(216, 203, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 225) }
```

Border

The CSS property to change the border of an element to Yxy 62.7470, 0.3071, 0.3046 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(216, 203, 225) }
```

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

```
.border{ border-color:rgb(216, 203, 225) }
```

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

Here you see how a box with a 4 pixel rgb(216, 203, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 225);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7470, 0.3071, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 225) }
```

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

```
.background{ background-color: rgb(216,  
203, 225) }
```

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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