

Converting Colors

$Yxy(62.7266, 0.3031, 0.3042)$

Have a look what the booklet for
Yxy(62.7266, 0.3031, 0.3042)
contains.

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Color

Yxy(62.6738, 0.3034, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	D4CCE2
RGB	212, 204, 226
RGB Percent	83%, 80%, 89%
CMY	0.1687, 0.2000, 0.1137
CMYK	0.06, 0.10, 0.00, 0.11
HSL	262°, 27%, 84%
HSV	262°, 10%, 89%
XYZ	62.4679, 62.6738, 80.7512
YIQ	208.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

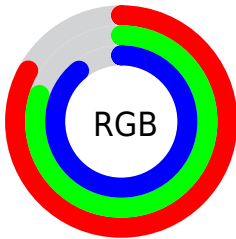
Format	Color
R _Y B	212, 204, 226
Decimal	13946082
CIE Lab	83.27, 6.83, -9.88
CIE LCh	83, 12.009, 304.662
Yxy	62.6738, 0.3034, 0.3044
Android (android.graphics.Color)	4292136162 (0xFFD4CCE2)
YUV	208.9000, 8.4303, 2.7187
Hunter-Lab	79.1668, 2.3066, -5.0599

Details

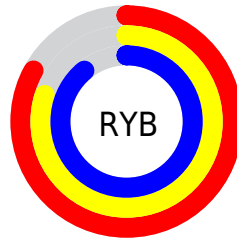
The Yxy color **62.6738, 0.3034, 0.3044** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.6577, 0.3214, 0.3533**, and the grayscale version is **63.6374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9211, 0.3004, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **50.6557, 0.2923, 0.2767**, and if you desaturate by 10%, it is **76.4468, 0.3130, 0.3297**.

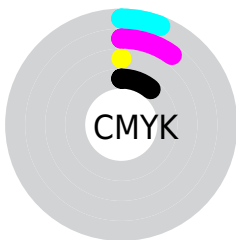
Distribution



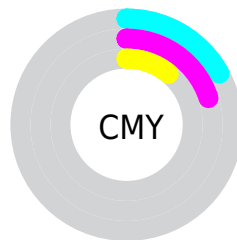
- Red (83%)
- Green (80%)
- Blue (89%)



- Red (83%)
- Yellow (80%)
- Blue (89%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (17%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6738, 0.3034, 0.3044 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 62.6738, 0.3034, 0.3044 by changing the saturation by 10% instead.

■ 62.6738, 0.3034,
0.3044

■ 62.6738, 0.3034,
0.3044

434.3847, 0.3079,
0.3159

■ 45.5774, 0.3023,
0.3017

108.6988, 0.3050,
0.3084

■ 31.9124, 0.3010,
0.2984

138.3961, 0.3056,
0.3100

■ 21.2946, 0.2993,
0.2942

173.0625, 0.3061,
0.3113

■ 13.3395, 0.2969,
0.2886

213.0824, 0.3066,
0.3125

■ 7.6628, 0.2936,
0.2809

258.8402, 0.3070,
0.3135

■ 3.8799, 0.2886,
0.2697

310.7202, 0.3073,

■ 1.6066, 0.2801,

0.3144

0.2516

369.1069, 0.3076,
0.3152

0.3621, 0.2603,
0.1845

0.0000, 0.0000,
0.0000

62.6738, 0.3034,
0.3044

62.6738, 0.3034,
0.3044

50.6557, 0.2923,
0.2767

76.4468, 0.3130,
0.3297

40.3127, 0.2796,
0.2469

92.0343, 0.3211,
0.3524

31.5707, 0.2655,
0.2156

98.2707, 0.3298,
0.3572

24.3467, 0.2501,
0.1840

■ 18.5500, 0.2340,
0.1535

■ 14.0800, 0.2179,
0.1259

■ 10.8224, 0.2026,
0.1031

■ 8.6423, 0.1891,
0.0862

■ 7.3158, 0.1778,
0.0754

Harmonies

Analogous

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



62.6738, 0.2908, 0.3039



62.6738, 0.3034, 0.3044



62.6738, 0.3188, 0.3111

Triad

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



62.6738, 0.3034, 0.3044



62.6738, 0.3421, 0.3473



62.6738, 0.2929, 0.3355

Complementary

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



62.6738, 0.3034, 0.3044



73.6577, 0.3214, 0.3533

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.



62.6738, 0.3062, 0.3480



62.6738, 0.3034, 0.3044



62.6738, 0.3347, 0.3546

Square

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



62.6738, 0.3034, 0.3044



62.6738, 0.3414, 0.3354



62.6738, 0.3215, 0.3550



62.6738, 0.2849, 0.3215

Rectangle

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



62.6738, 0.3034, 0.3044



62.6738, 0.3285, 0.3182



62.6738, 0.3215, 0.3550



62.6738, 0.2969, 0.3401

Sweetspot

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



62.6765, 0.3034, 0.3044



94.3031, 0.3100, 0.3216



68.6279, 0.2977, 0.3203



19.8667, 0.3092, 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.



62.6765, 0.3034, 0.3044



78.4946, 0.3009, 0.2981



64.3211, 0.3114, 0.3050



13.4842, 0.3037, 0.3052



4.2175, 0.1791, 0.0760



0.3417, 0.1963, 0.0855

Inverse Universe

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



64.4212, 0.3195, 0.3137



81.3119, 0.3213, 0.3099



72.0595, 0.3138, 0.3538



13.8468, 0.3193, 0.3142



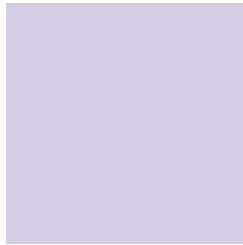
10.3964, 0.4385, 0.2189



0.7376, 0.4156, 0.2063

Previews

White Background



This preview shows how the Yxy color 62.6738, 0.3034, 0.3044 looks on a white background.

Color Contrast Check

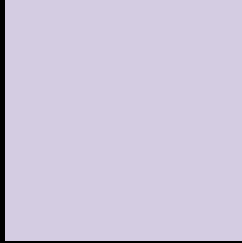
Large Text (above 18pt) WCAG AA × Fail

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 62.6738, 0.3034, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

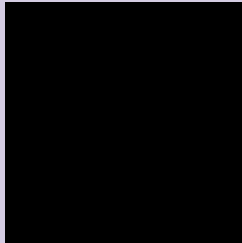
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6738, 0.3034, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 62.6738, 0.3034, 0.3044.



This preview shows how white text looks on a background with the Yxy color 62.6738, 0.3034, 0.3044.

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

62.6738, 0.3034, 0.3044

Protanopia

62.6678, 0.2976, 0.3052

Deuteranopia

62.7921, 0.3087, 0.3025



Tritanopia

62.7320, 0.3061, 0.3110

Trichromacy



Original Color

62.6738, 0.3034, 0.3044

Protanomaly

62.6186, 0.2998, 0.3042

Deuteranomaly

62.8018, 0.3064, 0.3035

Tritanomaly

62.8392, 0.3047, 0.3088

Monochromacy



Original Color

62.6738, 0.3034, 0.3044

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.2336, 0.3094, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6738, 0.3034, 0.3044 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(212, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 226)  
}
```

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(212, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 226) }
```

Border

The CSS property to change the border of an element to Yxy 62.6738, 0.3034, 0.3044 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(212, 204, 226) }
```

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

```
.border{ border-color:rgb(212, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6738, 0.3034, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 226) }
```

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

```
.background{ background-color: rgb(212,  
204, 226) }
```

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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