

Converting Colors

Yxy(61.3827, 0.3033, 0.3037)

Have a look what the booklet for
Yxy(61.3827, 0.3033, 0.3037)
contains.

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Color

Yxy(61.3245, 0.3033, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	D2CAE0
RGB	210, 202, 224
RGB Percent	82%, 79%, 88%
CMY	0.1766, 0.2078, 0.1216
CMYK	0.06, 0.10, 0.00, 0.12
HSL	262°, 26%, 84%
HSV	262°, 10%, 88%
XYZ	61.1431, 61.3245, 79.1251
YIQ	206.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

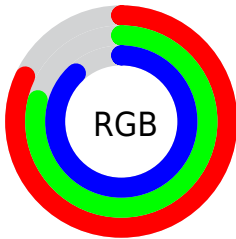
Format	Color
R _{YB}	210, 202, 224
Decimal	13814496
CIE Lab	82.55, 6.83, -9.89
CIE LCh	83, 12.019, 304.616
Yxy	61.3245, 0.3033, 0.3042
Android (android.graphics.Color)	4292004576 (0xFFD2CAE0)
YUV	206.9000, 8.4303, 2.7187
Hunter-Lab	78.3100, 2.3273, -5.0902

Details

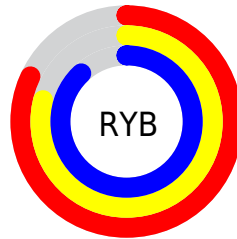
The Yxy color **61.3245, 0.3033, 0.3042** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1756, 0.3215, 0.3535**, and the grayscale version is **62.2729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.0129, 0.3002, 0.2978** is the 20% darker color. If you saturate the color by 10%, you get **49.5606, 0.2922, 0.2765**, and if you desaturate by 10%, it is **74.8068, 0.3129, 0.3295**.

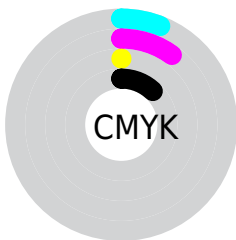
Distribution



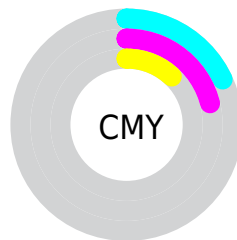
- Red (82%)
- Green (79%)
- Blue (88%)



- Red (82%)
- Yellow (79%)
- Blue (88%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3245, 0.3033, 0.3042 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 61.3245, 0.3033, 0.3042 by changing the saturation by 10% instead.

■ 61.3245, 0.3033,
0.3042

■ 61.3245, 0.3033,
0.3042

429.4628, 0.3079,
0.3159

■ 44.4871, 0.3022,
0.3015

106.7486, 0.3049,
0.3083

■ 31.0536, 0.3008,
0.2981

136.1042, 0.3055,
0.3099

■ 20.6397, 0.2991,
0.2938

170.4012, 0.3061,
0.3112

■ 12.8609, 0.2967,
0.2881

210.0242, 0.3065,
0.3124

■ 7.3328, 0.2933,
0.2802

255.3574, 0.3069,
0.3134

■ 3.6711, 0.2880,
0.2686

306.7853, 0.3073,

■ 1.4913, 0.2792,

0.3143

0.2498

364.6923, 0.3076,
0.3151

0.2826, 0.2534,
0.1645

0.0000, 0.0000,
0.0000

61.3245, 0.3033,
0.3042

61.3245, 0.3033,
0.3042

49.5606, 0.2922,
0.2765

74.8068, 0.3129,
0.3295

39.4371, 0.2795,
0.2466

90.0658, 0.3211,
0.3522

30.8811, 0.2653,
0.2154

97.7588, 0.3296,
0.3593

23.8115, 0.2499,
0.1837

98.1611, 0.3310,
0.3592

■ 18.1394, 0.2337,
0.1533

■ 13.7664, 0.2176,
0.1257

■ 10.5804, 0.2023,
0.1029

■ 8.4492, 0.1888,
0.0861

■ 7.1504, 0.1775,
0.0752

Harmonies

Analogous

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



61.3245, 0.2906, 0.3037



61.3245, 0.3033, 0.3042



61.3245, 0.3188, 0.3109

Triad

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



61.3245, 0.3033, 0.3042



61.3245, 0.3423, 0.3474



61.3245, 0.2927, 0.3356

Complementary

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



61.3245, 0.3033, 0.3042



72.1756, 0.3215, 0.3535

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.



61.3245, 0.3062, 0.3482



61.3245, 0.3033, 0.3042



61.3245, 0.3349, 0.3548

Square

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



61.3245, 0.3033, 0.3042



61.3245, 0.3416, 0.3354



61.3245, 0.3216, 0.3553



61.3245, 0.2847, 0.3214

Rectangle

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



61.3245, 0.3033, 0.3042



61.3245, 0.3286, 0.3181



61.3245, 0.3216, 0.3553



61.3245, 0.2968, 0.3402

Sweetspot

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



61.3271, 0.3033, 0.3042



94.3011, 0.3100, 0.3216



67.2052, 0.2976, 0.3203



19.8661, 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.



61.3271, 0.3033, 0.3042



78.4873, 0.3009, 0.2981



62.9552, 0.3113, 0.3048



13.4832, 0.3037, 0.3052



4.2092, 0.1788, 0.0759



0.3411, 0.1961, 0.0854

Inverse Universe

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



63.0557, 0.3196, 0.3136



81.3145, 0.3213, 0.3099



70.5935, 0.3139, 0.3540



13.8471, 0.3193, 0.3141



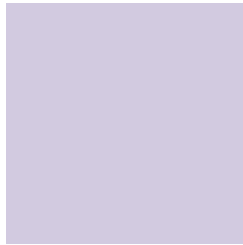
10.4019, 0.4379, 0.2186



0.7380, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 61.3245, 0.3033, 0.3042 looks on a white background.

Color Contrast Check

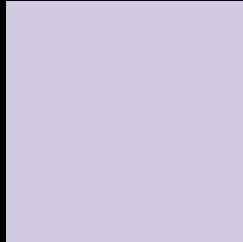
Large Text (above 18pt) WCAG AA × Fail

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 61.3245, 0.3033, 0.3042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

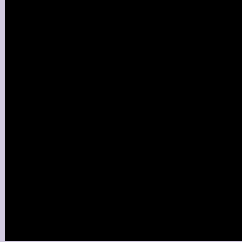
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

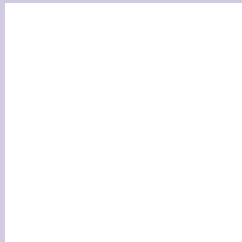
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3245, 0.3033, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 61.3245, 0.3033, 0.3042.



This preview shows how white text looks on a background with the Yxy color 61.3245, 0.3033, 0.3042.

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

61.3245, 0.3033, 0.3042

Protanopia

61.3185, 0.2975, 0.3050

Deuteranopia

61.4421, 0.3086, 0.3023



Tritanopia

61.3817, 0.3060, 0.3108

Trichromacy



Original Color

61.3245, 0.3033, 0.3042

Protanomaly

61.2699, 0.2997, 0.3040

Deuteranomaly

61.4512, 0.3063, 0.3033

Tritanomaly

61.4876, 0.3046, 0.3086

Monochromacy



Original Color

61.3245, 0.3033, 0.3042

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8766, 0.3094, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3245, 0.3033, 0.3042 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(210, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(210, 202, 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(210, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 202, 224) }
```

Border

The CSS property to change the border of an element to Yxy 61.3245, 0.3033, 0.3042 is called "border". The border property can be set on classes, ids or directly on the HTML element.

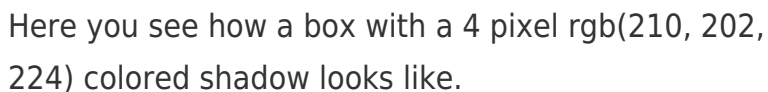
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 202, 224) }
```

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

```
.border{ border-color:rgb(210, 202, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 202, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 202, 224); box-shadow:4px 4px 4px 4px rgb(210, 202, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3245, 0.3033, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 202, 224) }
```

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

```
.background{ background-color: rgb(210,  
202, 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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