

Converting Colors

Yxy(61.1840, 0.3062, 0.3030)

Have a look what the booklet for
Yxy(61.1840, 0.3062, 0.3030)
contains.

Yxy(61.4512, 0.3063, 0.3033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.4512, 0.3063, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	D6C9E0
RGB	214, 201, 224
RGB Percent	84%, 79%, 88%
CMY	0.1610, 0.2117, 0.1216
CMYK	0.04, 0.10, 0.00, 0.12
HSL	274°, 27%, 83%
HSV	274°, 10%, 88%
XYZ	62.0590, 61.4512, 79.0984
YIQ	207.5090, 0.3650, 9.9090

Conversions

Conversions Part 2

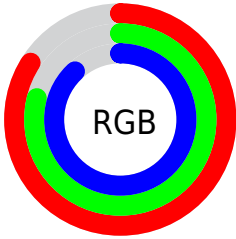
Format	Color
R _Y B	214, 201, 224
Decimal	14076384
CIE Lab	82.62, 8.68, -9.75
CIE LCh	83, 13.057, 311.665
Yxy	61.4512, 0.3063, 0.3033
Android (android.graphics.Color)	4292266464 (0xFFD6C9E0)
YUV	207.5090, 8.1301, 5.6926
Hunter-Lab	78.3908, 4.1277, -4.9516

Details

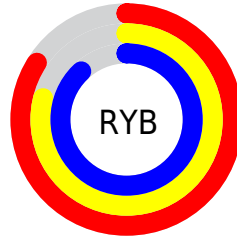
The Yxy color **61.4512, 0.3063, 0.3033** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3781, 0.3186, 0.3549**, and the grayscale version is **62.6856, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1029, 0.3042, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **50.3310, 0.2989, 0.2763**, and if you desaturate by 10%, it is **74.1879, 0.3126, 0.3284**.

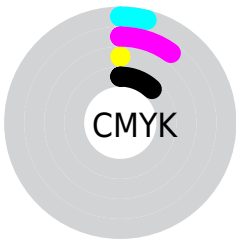
Distribution



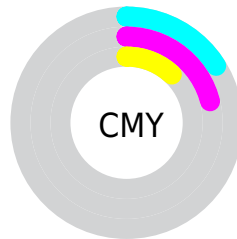
- Red (84%)
- Green (79%)
- Blue (88%)



- Red (84%)
- Yellow (79%)
- Blue (88%)



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



- Cyan (16%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4512, 0.3063, 0.3033 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 61.4512, 0.3063, 0.3033 by changing the saturation by 10% instead.

61.4512, 0.3063,
0.3033

61.4512, 0.3063,
0.3033

429.9264, 0.3094,
0.3154

44.5894, 0.3055,
0.3005

106.9320, 0.3074,
0.3075

31.1341, 0.3046,
0.2970

136.3197, 0.3079,
0.3091

20.7010, 0.3033,
0.2926

170.6516, 0.3082,
0.3105

12.9056, 0.3016,
0.2868

210.3120, 0.3085,
0.3118

7.3636, 0.2992,
0.2787

255.6853, 0.3088,
0.3128

3.6905, 0.2954,
0.2668

307.1558, 0.3090,

1.5020, 0.2888,

0.3138

0.2478

365.1081, 0.3093,
0.3146

0.2901, 0.2746,
0.1634

0.0000, 0.0000,
0.0000

61.4512, 0.3063,
0.3033

61.4512, 0.3063,
0.3033

50.3310, 0.2989,
0.2763

74.1879, 0.3126,
0.3284

40.7523, 0.2904,
0.2480

88.5963, 0.3178,
0.3514

32.6456, 0.2807,
0.2189

96.0124, 0.3234,
0.3599

25.9333, 0.2701,
0.1902

97.8041, 0.3297,
0.3593

■ 20.5299, 0.2586,
0.1632

■ 98.1609, 0.3310,
0.3592

■ 16.3407, 0.2468,
0.1391

■ 13.2573, 0.2351,
0.1194

■ 11.1513, 0.2240,
0.1048

■ 9.8224, 0.2140,
0.0952

Harmonies

Analogous

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



61.4512, 0.2915, 0.3010



61.4512, 0.3063, 0.3033



61.4512, 0.3232, 0.3119

Triad

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



61.4512, 0.3063, 0.3033



61.4512, 0.3437, 0.3514



61.4512, 0.2884, 0.3325

Complementary

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



61.4512, 0.3063, 0.3033



71.3781, 0.3186, 0.3549

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.



61.4512, 0.3018, 0.3470



61.4512, 0.3063, 0.3033



61.4512, 0.3339, 0.3579

Square

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



61.4512, 0.3063, 0.3033



61.4512, 0.3451, 0.3392



61.4512, 0.3185, 0.3565



61.4512, 0.2814, 0.3174

Rectangle

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



61.4512, 0.3063, 0.3033



61.4512, 0.3333, 0.3203



61.4512, 0.3185, 0.3565



61.4512, 0.2923, 0.3376

Sweetspot

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



61.4538, 0.3063, 0.3033



94.5871, 0.3109, 0.3216



64.5673, 0.2968, 0.3146



19.9433, 0.3104, 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.



61.4538, 0.3063, 0.3033



79.5574, 0.3050, 0.2985



62.9481, 0.3147, 0.3051



13.6219, 0.3068, 0.3054



5.7875, 0.2155, 0.0961



0.4539, 0.2311, 0.1047

Inverse Universe

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



62.3354, 0.3233, 0.3179



80.9464, 0.3254, 0.3158



69.9955, 0.3107, 0.3541



13.7996, 0.3224, 0.3188



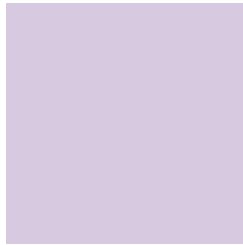
9.7588, 0.5216, 0.2647



0.6942, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 61.4512, 0.3063, 0.3033 looks on a white background.

Color Contrast Check

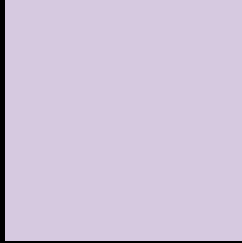
Large Text (above 18pt) WCAG AA × Fail

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 61.4512, 0.3063, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

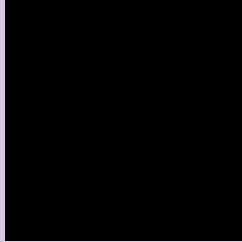
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

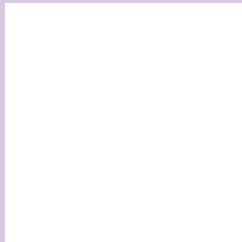
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4512, 0.3063, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 61.4512, 0.3063, 0.3033.



This preview shows how white text looks on a background with the Yxy color 61.4512, 0.3063, 0.3033.

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

61.4512, 0.3063, 0.3033

Protanopia

61.3732, 0.2968, 0.3039

Deuteranopia

61.4421, 0.3086, 0.3023



Tritanopia

61.4491, 0.3098, 0.3109

Trichromacy



Original Color

61.4512, 0.3063, 0.3033

Protanomaly

61.4135, 0.3004, 0.3041

Deuteranomaly

61.2893, 0.3079, 0.3022

Tritanomaly

61.5545, 0.3083, 0.3087

Monochromacy



Original Color

61.4512, 0.3063, 0.3033

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.2193, 0.3102, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4512, 0.3063, 0.3033 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(214, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(214, 201, 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(214, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 224) }
```

Border

The CSS property to change the border of an element to Yxy 61.4512, 0.3063, 0.3033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

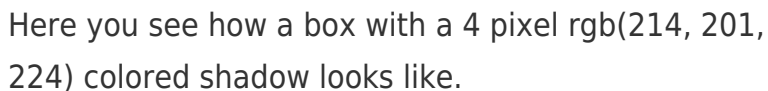
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 201, 224) }
```

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

```
.border{ border-color:rgb(214, 201, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(214, 201, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(214, 201, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(214, 201, 224); box-shadow:4px 4px 4px 4px rgb(214, 201, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4512, 0.3063, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 224) }
```

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

```
.background{ background-color: rgb(214,  
201, 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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