

Converting Colors

Yxy(61.9480, 0.2964, 0.2965)

Have a look what the booklet for
Yxy(61.9480, 0.2964, 0.2965)
contains.

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Color

Yxy(61.9480, 0.2964, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	D0CBE8
RGB	208, 203, 232
RGB Percent	82%, 80%, 91%
CMY	0.1845, 0.2039, 0.0901
CMYK	0.10, 0.13, 0.00, 0.09
HSL	250°, 39%, 85%
HSV	250°, 13%, 91%
XYZ	61.9271, 61.9480, 85.0558
YIQ	207.8010, -6.3290, 10.0790

Conversions

Conversions Part 2

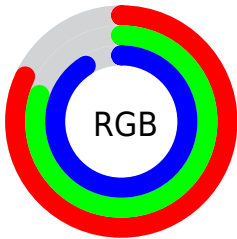
Format	Color
R _Y B	208, 203, 232
Decimal	13683688
CIE Lab	82.89, 7.23, -13.70
CIE LCh	83, 15.493, 297.818
Yxy	61.9480, 0.2964, 0.2965
Android (android.graphics.Color)	4291873768 (0xFFD0CBE8)
YUV	207.8010, 11.9301, 0.1745
Hunter-Lab	78.7071, 2.7074, -8.9775

Details

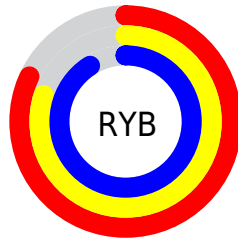
The Yxy color **61.9480, 0.2964, 0.2965** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.3855, 0.3279, 0.3602**, and the grayscale version is **62.8639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4995, 0.2931, 0.2893** is the 20% darker color. If you saturate the color by 10%, you get **49.1759, 0.2812, 0.2672**, and if you desaturate by 10%, it is **76.7040, 0.3097, 0.3229**.

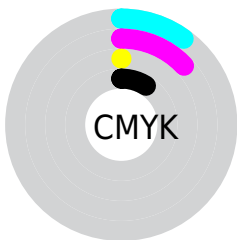
Distribution



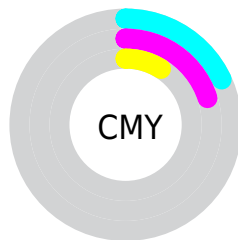
- Red (82%)
- Green (80%)
- Blue (91%)



- Red (82%)
- Yellow (80%)
- Blue (91%)



- Cyan (10%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (18%)
- Magenta (20%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9480, 0.2964, 0.2965 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 61.9480, 0.2964, 0.2965 by changing the saturation by 10% instead.

■ 61.9480, 0.2964,
0.2965

■ 61.9480, 0.2964,
0.2965

431.7414, 0.3042,
0.3117

■ 44.9907, 0.2945,
0.2930

107.6504, 0.2992,
0.3018

■ 31.4501, 0.2922,
0.2886

137.1642, 0.3002,
0.3039

■ 20.9418, 0.2892,
0.2831

171.6324, 0.3011,
0.3056

■ 13.0815, 0.2852,
0.2758

211.4392, 0.3019,
0.3072

■ 7.4847, 0.2795,
0.2658

256.9691, 0.3026,
0.3085

■ 3.7670, 0.2710,
0.2512

308.6065, 0.3032,

■ 1.5441, 0.2568,

0.3097

0.2281

366.7358, 0.3038,
0.3108

0.3195, 0.2236,
0.1488

0.0000, 0.0000,
0.0000

61.9480, 0.2964,
0.2965

61.9480, 0.2964,
0.2965

49.1759, 0.2812,
0.2672

76.7040, 0.3097,
0.3229

38.2953, 0.2642,
0.2352

93.5157, 0.3211,
0.3462

29.2179, 0.2458,
0.2015

98.6077, 0.3262,
0.3512

21.8452, 0.2264,
0.1675

■ 16.0695, 0.2071,
0.1352

■ 11.7704, 0.1893,
0.1069

■ 8.8100, 0.1741,
0.0847

■ 7.0237, 0.1627,
0.0701

■ 6.2691, 0.1567,
0.0637

Harmonies

Analogous

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



61.9480, 0.2817, 0.2976



61.9480, 0.2964, 0.2965



61.9480, 0.3158, 0.3034

Triad

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



61.9480, 0.2964, 0.2965



61.9480, 0.3516, 0.3493



61.9480, 0.2905, 0.3415

Complementary

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



61.9480, 0.2964, 0.2965



78.3855, 0.3279, 0.3602

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.



61.9480, 0.3087, 0.3567



61.9480, 0.2964, 0.2965



61.9480, 0.3442, 0.3607

Square

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



61.9480, 0.2964, 0.2965



61.9480, 0.3482, 0.3332



61.9480, 0.3284, 0.3637



61.9480, 0.2784, 0.3231

Rectangle

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



61.9480, 0.2964, 0.2965



61.9480, 0.3290, 0.3117



61.9480, 0.3284, 0.3637



61.9480, 0.2961, 0.3472

Sweetspot

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



61.9506, 0.2964, 0.2965



92.0939, 0.3078, 0.3191



73.5692, 0.2935, 0.3236



19.4035, 0.3068, 0.3171



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.



61.9506, 0.2964, 0.2965



72.4468, 0.2927, 0.2892



64.1330, 0.3069, 0.2975



14.0045, 0.3007, 0.3049



3.5165, 0.1577, 0.0642



0.2951, 0.1701, 0.0710

Inverse Universe

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



65.4304, 0.3177, 0.3033



77.5645, 0.3188, 0.2979



76.1398, 0.3178, 0.3612



14.5709, 0.3164, 0.3097



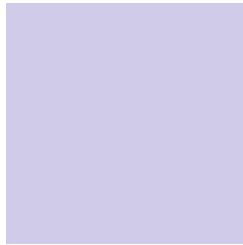
11.6656, 0.3691, 0.1807



0.8732, 0.3609, 0.1762

Previews

White Background



This preview shows how the Yxy color 61.9480, 0.2964, 0.2965 looks on a white background.

Color Contrast Check

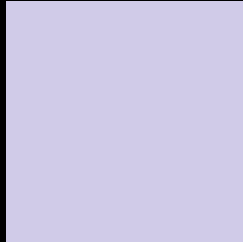
Large Text (above 18pt) WCAG AA × Fail

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 61.9480, 0.2964, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

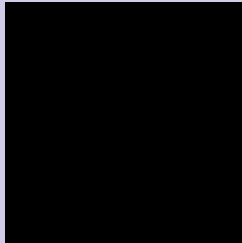
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9480, 0.2964, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 61.9480, 0.2964, 0.2965.



This preview shows how white text looks on a background with the Yxy color 61.9480, 0.2964, 0.2965.

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

61.9480, 0.2964, 0.2965

Protanopia

62.1024, 0.2916, 0.2973

Deuteranopia

61.8956, 0.3008, 0.2947



Tritanopia

62.0049, 0.3024, 0.3107

Trichromacy



Original Color

61.9480, 0.2964, 0.2965

Protanomaly

61.9063, 0.2929, 0.2963

Deuteranomaly

62.0643, 0.2993, 0.2957

Tritanomaly

61.8874, 0.3004, 0.3052

Monochromacy



Original Color

61.9480, 0.2964, 0.2965

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5623, 0.3066, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9480, 0.2964, 0.2965 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(208, 203, 232)` looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 232)  
}
```

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(208, 203, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 232) }
```

Border

The CSS property to change the border of an element to Yxy 61.9480, 0.2964, 0.2965 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(208, 203, 232) }
```

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

```
.border{ border-color:rgb(208, 203, 232) }
```

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

Here you see how a box with a 4 pixel rgb(208, 203, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 232);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9480, 0.2964, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 232) }
```

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

```
.background{ background-color: rgb(208,  
203, 232) }
```

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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