

Converting Colors

$Yxy(62.1571, 0.3056, 0.2934)$

Have a look what the booklet for
Yxy(62.1571, 0.3056, 0.2934)
contains.

Yxy(61.8887, 0.3053, 0.2929)	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(61.8887, 0.3053, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	DCC7E8
RGB	220, 199, 232
RGB Percent	86%, 78%, 91%
CMY	0.1372, 0.2196, 0.0901
CMYK	0.05, 0.14, 0.00, 0.09
HSL	278°, 42%, 85%
HSV	278°, 14%, 91%
XYZ	64.5088, 61.8887, 84.8989
YIQ	209.0410, 1.9230, 14.7150

Conversions

Conversions Part 2

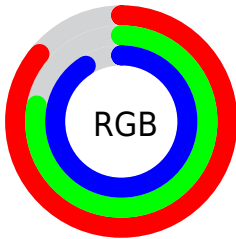
Format	Color
R _Y B	220, 199, 232
Decimal	14469096
CIE Lab	82.85, 13.31, -13.64
CIE LCh	83, 19.059, 314.286
Yxy	61.8887, 0.3053, 0.2929
Android (android.graphics.Color)	4292659176 (0xFFDCC7E8)
YUV	209.0410, 11.3188, 9.6110
Hunter-Lab	78.6694, 8.6984, -8.9164

Details

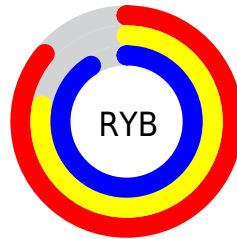
The Yxy color $61.8887, 0.3053, 0.2929$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $75.6926, 0.3192, 0.3659$, and the grayscale version is $63.7155, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.3847, 0.3037, 0.2847$ is the 20% darker color. If you saturate the color by 10%, you get $50.7336, 0.2989, 0.2657$, and if you desaturate by 10%, it is $74.7431, 0.3107, 0.3186$.

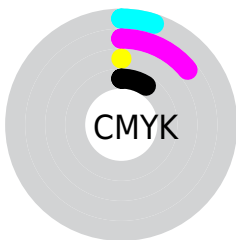
Distribution



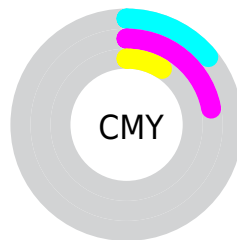
- Red (86%)
- Green (78%)
- Blue (91%)



- Red (86%)
- Yellow (78%)
- Blue (91%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8887, 0.3053, 0.2929 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 61.8887, 0.3053, 0.2929 by changing the saturation by 10% instead.

61.8887, 0.3053,
0.2929

61.8887, 0.3053,
0.2929

431.5250, 0.3090,
0.3097

44.9428, 0.3044,
0.2891

107.5647, 0.3066,
0.2987

31.4124, 0.3032,
0.2843

137.0635, 0.3071,
0.3010

20.9130, 0.3017,
0.2783

171.5154, 0.3076,
0.3029

13.0605, 0.2997,
0.2704

211.3048, 0.3079,
0.3046

7.4702, 0.2967,
0.2597

256.8160, 0.3082,
0.3061

3.7579, 0.2920,
0.2442

308.4335, 0.3085,

1.5391, 0.2839,

0.3074

0.2202

366.5417, 0.3088,
0.3086

0.3160, 0.2743,
0.1386

0.0000, 0.0000,
0.0000

61.8887, 0.3053,
0.2929

61.8887, 0.3053,
0.2929

50.7336, 0.2989,
0.2657

74.7431, 0.3107,
0.3186

41.1955, 0.2916,
0.2376

89.3585, 0.3152,
0.3426

33.1968, 0.2833,
0.2094

96.8152, 0.3200,
0.3517

26.6505, 0.2742,
0.1824

98.3690, 0.3254,
0.3513

■ 21.4607, 0.2645,
0.1577

■ 98.6070, 0.3262,
0.3512

■ 17.5193, 0.2546,
0.1367

■ 14.7015, 0.2447,
0.1203

■ 12.8550, 0.2354,
0.1089

■ 12.0951, 0.2302,
0.1042

Harmonies

Analogous

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



61.8887, 0.2835, 0.2886



61.8887, 0.3053, 0.2929



61.8887, 0.3299, 0.3059

Triad

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



61.8887, 0.3053, 0.2929



61.8887, 0.3572, 0.3624



61.8887, 0.2761, 0.3318

Complementary

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



61.8887, 0.3053, 0.2929



75.6926, 0.3192, 0.3659

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.



61.8887, 0.2948, 0.3539



61.8887, 0.3053, 0.2929



61.8887, 0.3416, 0.3716

Square

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



61.8887, 0.3053, 0.2929



61.8887, 0.3605, 0.3451



61.8887, 0.3187, 0.3687



61.8887, 0.2672, 0.3099

Rectangle

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



61.8887, 0.3053, 0.2929



61.8887, 0.3445, 0.3179



61.8887, 0.3187, 0.3687



61.8887, 0.2814, 0.3395

Sweetspot

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



61.8913, 0.3053, 0.2929



92.9676, 0.3108, 0.3192



64.6092, 0.2903, 0.3053



19.6243, 0.3104, 0.3173



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.



61.8913, 0.3053, 0.2929



72.5259, 0.3036, 0.2853



63.5842, 0.3175, 0.2984



14.3397, 0.3080, 0.3054



6.7874, 0.2316, 0.1050



0.5536, 0.2447, 0.1121

Inverse Universe

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



62.7072, 0.3299, 0.3160



73.7405, 0.3340, 0.3132



74.1937, 0.3082, 0.3616



14.4541, 0.3236, 0.3205



9.9043, 0.5519, 0.2814



0.7492, 0.5117, 0.2592

Previews

White Background



This preview shows how the Yxy color 61.8887, 0.3053, 0.2929 looks on a white background.

Color Contrast Check

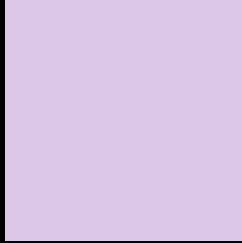
Large Text (above 18pt) WCAG AA × Fail

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 61.8887, 0.3053, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

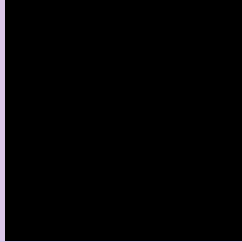
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8887, 0.3053, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 61.8887, 0.3053, 0.2929.



This preview shows how white text looks on a background with the Yxy color 61.8887, 0.3053, 0.2929.

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

61.8887, 0.3053, 0.2929

Protanopia

62.1363, 0.2889, 0.2940

Deuteranopia

62.0466, 0.3016, 0.2948



Tritanopia

61.6885, 0.3143, 0.3111

Trichromacy



Original Color

61.8887, 0.3053, 0.2929

Protanomaly

62.1199, 0.2945, 0.2933

Deuteranomaly

61.8865, 0.3030, 0.2938

Tritanomaly

61.6425, 0.3116, 0.3046

Monochromacy



Original Color

61.8887, 0.3053, 0.2929

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.8185, 0.3103, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8887, 0.3053, 0.2929 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(220, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(220, 199, 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(220, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 199, 232) }
```

Border

The CSS property to change the border of an element to Yxy 61.8887, 0.3053, 0.2929 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(220, 199, 232) }
```

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

```
.border{ border-color:rgb(220, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(220, 199,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8887, 0.3053, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 199, 232) }
```

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

```
.background{ background-color: rgb(220,  
199, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor