

Converting Colors

Yxy(63.9014, 0.3081, 0.3029)

Have a look what the booklet for
Yxy(63.9014, 0.3081, 0.3029)
contains.

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Color

Yxy(64.0028, 0.3080, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	DCCCE4
RGB	220, 204, 228
RGB Percent	86%, 80%, 89%
CMY	0.1370, 0.2000, 0.1059
CMYK	0.03, 0.11, 0.00, 0.11
HSL	280°, 31%, 85%
HSV	280°, 11%, 89%
XYZ	65.1234, 64.0028, 82.3135
YIQ	211.5200, 1.8320, 10.8560

Conversions

Conversions Part 2

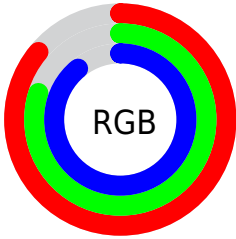
Format	Color
R _Y B	220, 204, 228
Decimal	14470372
CIE Lab	83.97, 9.90, -9.84
CIE LCh	84, 13.957, 315.188
Yxy	64.0028, 0.3080, 0.3027
Android (android.graphics.Color)	4292660452 (0xFFDCCCE4)
YUV	211.5200, 8.1246, 7.4370
Hunter-Lab	80.0017, 5.3004, -5.0020

Details

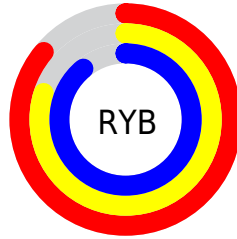
The Yxy color `64.0028, 0.3080, 0.3027` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `73.8268, 0.3170, 0.3558`, and the grayscale version is `65.4531, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `32.8292, 0.3063, 0.2961` is the 20% darker color. If you saturate the color by 10%, you get `52.8003, 0.3026, 0.2761`, and if you desaturate by 10%, it is `76.8501, 0.3125, 0.3277`.

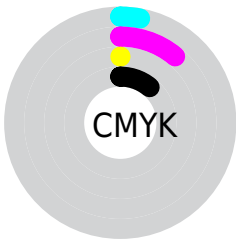
Distribution



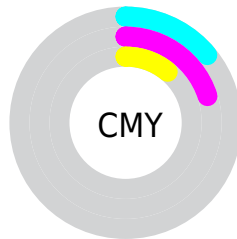
- Red (86%)
- Green (80%)
- Blue (89%)



- Red (86%)
- Yellow (80%)
- Blue (89%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0028, 0.3080, 0.3027 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 64.0028, 0.3080, 0.3027 by changing the saturation by 10% instead.

64.0028, 0.3080,
0.3027

64.0028, 0.3080,
0.3027

439.1998, 0.3103,
0.3149

46.6529, 0.3074,
0.2999

110.6150, 0.3088,
0.3070

32.7614, 0.3067,
0.2964

140.6461, 0.3092,
0.3086

21.9437, 0.3058,
0.2920

175.6730, 0.3094,
0.3100

13.8155, 0.3045,
0.2862

216.0803, 0.3097,
0.3113

7.9925, 0.3027,
0.2783

262.2522, 0.3099,
0.3123

4.0901, 0.2998,
0.2668

314.5731, 0.3100,

1.7241, 0.2949,

0.3133

0.2486

373.4275, 0.3102,
0.3142

0.4392, 0.2893,
0.1927

0.0000, 0.0000,
0.0000

64.0028, 0.3080,
0.3027

64.0028, 0.3080,
0.3027

52.8003, 0.3026,
0.2761

76.8501, 0.3125,
0.3277

43.1651, 0.2964,
0.2486

91.3992, 0.3162,
0.3509

35.0256, 0.2893,
0.2208

96.1159, 0.3206,
0.3558

28.3012, 0.2813,
0.1937

97.4818, 0.3255,
0.3555

■ 22.9037, 0.2727,
0.1687

■ 98.3810, 0.3286,
0.3552

■ 18.7346, 0.2638,
0.1468

■ 15.6814, 0.2547,
0.1292

■ 13.6101, 0.2459,
0.1165

■ 12.3385, 0.2380,
0.1085

Harmonies

Analogous

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



64.0028, 0.2919, 0.2995



64.0028, 0.3080, 0.3027



64.0028, 0.3258, 0.3125

Triad

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



64.0028, 0.3080, 0.3027



64.0028, 0.3446, 0.3537



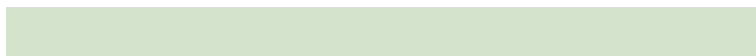
64.0028, 0.2858, 0.3307

Complementary

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



64.0028, 0.3080, 0.3027



73.8268, 0.3170, 0.3558

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.



64.0028, 0.2993, 0.3464



64.0028, 0.3080, 0.3027



64.0028, 0.3333, 0.3598

Square

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



64.0028, 0.3080, 0.3027



64.0028, 0.3473, 0.3414



64.0028, 0.3167, 0.3572



64.0028, 0.2794, 0.3150

Rectangle

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



64.0028, 0.3080, 0.3027



64.0028, 0.3361, 0.3215



64.0028, 0.3167, 0.3572



64.0028, 0.2896, 0.3362

Sweetspot

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



64.0055, 0.3080, 0.3027



94.7394, 0.3115, 0.3217



65.5180, 0.2963, 0.3109



19.9844, 0.3111, 0.3197



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.



64.0055, 0.3080, 0.3027



78.6239, 0.3067, 0.2961



65.0538, 0.3168, 0.3074



14.3641, 0.3085, 0.3055



7.1923, 0.2392, 0.1091



0.5816, 0.2513, 0.1158

Inverse Universe

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



64.4219, 0.3255, 0.3204



79.2950, 0.3290, 0.3182



72.8715, 0.3089, 0.3516



14.4462, 0.3241, 0.3213



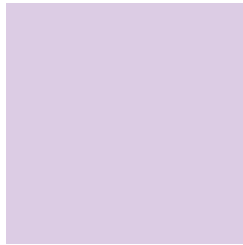
9.8399, 0.5645, 0.2883



0.7438, 0.5233, 0.2657

Previews

White Background



This preview shows how the Yxy color 64.0028, 0.3080, 0.3027 looks on a white background.

Color Contrast Check

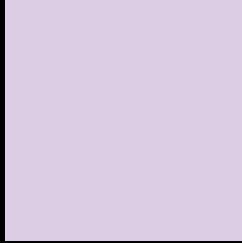
Large Text (above 18pt) WCAG AA × Fail

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 64.0028, 0.3080, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

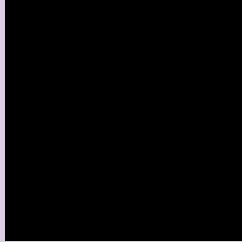
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

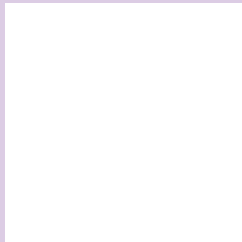
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0028, 0.3080, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 64.0028, 0.3080, 0.3027.



This preview shows how white text looks on a background with the Yxy color 64.0028, 0.3080, 0.3027.

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

64.0028, 0.3080, 0.3027

Protanopia

64.0903, 0.2971, 0.3043

Deuteranopia

64.1593, 0.3087, 0.3028



Tritanopia

63.9432, 0.3120, 0.3113

Trichromacy



Original Color

64.0028, 0.3080, 0.3027

Protanomaly

64.2798, 0.3014, 0.3045

Deuteranomaly

64.1593, 0.3087, 0.3028

Tritanomaly

64.1045, 0.3099, 0.3080

Monochromacy



Original Color

64.0028, 0.3080, 0.3027

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1100, 0.3110, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0028, 0.3080, 0.3027 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, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 228)  
}
```

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, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 228) }
```

Border

The CSS property to change the border of an element to Yxy 64.0028, 0.3080, 0.3027 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, 204, 228) }
```

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

```
.border{ border-color:rgb(220, 204, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 204, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 204, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 204, 228); box-shadow:4px 4px 4px 4px rgb(220, 204, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0028, 0.3080, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 228) }
```

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

```
.background{ background-color: rgb(220,  
204, 228) }
```

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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