

Converting Colors

Yxy(31.0135, 0.3676, 0.2829)

Have a look what the booklet for
Yxy(31.0135, 0.3676, 0.2829)
contains.

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Color

Yxy(31.1214, 0.3669, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	D17EA3
RGB	209, 126, 163
RGB Percent	82%, 49%, 64%
CMY	0.1805, 0.5058, 0.3608
CMYK	0.00, 0.40, 0.22, 0.18
HSL	333°, 47%, 66%
HSV	333°, 40%, 82%
XYZ	40.3621, 31.1214, 38.5250
YIQ	155.0350, 37.5910, 29.1030

Conversions

Conversions Part 2

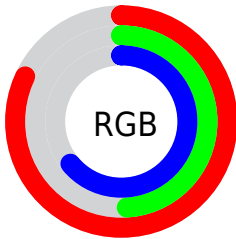
Format	Color
R_{YB}	209, 126, 163
Decimal	13729443
CIE Lab	62.61, 36.99, -5.92
CIE LCh	63, 37.457, 350.903
Yxy	31.1214, 0.3669, 0.2829
Android (android.graphics.Color)	4291919523 (0xFFD17EA3)
YUV	155.0350, 3.9267, 47.3273
Hunter-Lab	55.7866, 31.5200, -1.8938

Details

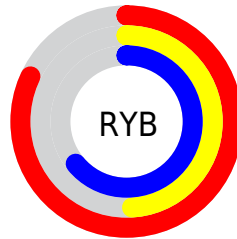
The Yxy color **31.1214, 0.3669, 0.2829** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **53.0092, 0.2793, 0.3811**, and the grayscale version is **32.7656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.9645, 0.3456, 0.2902**, and **12.9522, 0.3856, 0.2696** is the 20% darker color. If you saturate the color by 10%, you get **25.9277, 0.3875, 0.2718**, and if you desaturate by 10%, it is **37.4724, 0.3494, 0.2948**.

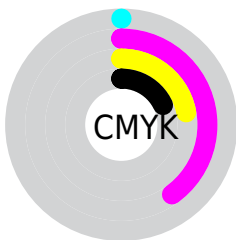
Distribution



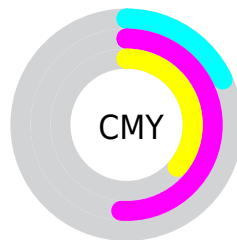
- Red (82%)
- Green (49%)
- Blue (64%)



- Red (82%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (40%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1214, 0.3669, 0.2829 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 31.1214, 0.3669, 0.2829 by changing the saturation by 10% instead.


 31.1214, 0.3669,
0.2829


 31.1214, 0.3669,
0.2829


307.0972, 0.3384,
0.3068


 20.6913, 0.3745,
0.2767


 61.4312, 0.3562,
0.2918

 12.8985, 0.3846,
0.2685

 82.0796, 0.3523,
0.2950

 7.3587, 0.3985,
0.2575


 106.9030, 0.3490,
0.2978

 3.6874, 0.4190,
0.2415

136.2856, 0.3462,
0.3001

 1.5003, 0.4521,
0.2166

170.6120, 0.3439,
0.3021

 0.2889, 0.5461,
0.1289

210.2664, 0.3418,


 0.0000, 1.0000,


0.3039

0.0000

255.6334, 0.3400,
0.3054


 0.0000, 0.0000,
0.0000

 31.1214, 0.3669,
0.2829


 31.1214, 0.3669,
0.2829


 25.9277, 0.3875,
0.2718


 37.4724, 0.3494,
0.2948


 21.8159, 0.4112,
0.2623


 45.0413, 0.3347,
0.3068


 18.7084, 0.4375,
0.2558


 53.8898, 0.3225,
0.3184

 16.5152, 0.4654,
0.2535

 64.0738, 0.3124,
0.3293


 15.1301, 0.4934,
0.2564


 75.6461, 0.3042,
0.3395

 14.3654, 0.5200,
0.2640

 88.6567, 0.2974,
0.3490

 14.3457, 0.5208,
0.2643

 91.6100, 0.2912,
0.3403

 92.2931, 0.2855,
0.3289

Harmonies

Analogous

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



31.1214, 0.3057, 0.2513



31.1214, 0.3669, 0.2829



31.1214, 0.4152, 0.3253

Triad

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



31.1214, 0.3669, 0.2829



31.1214, 0.3684, 0.4373



31.1214, 0.2059, 0.2691

Complementary

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



31.1214, 0.3669, 0.2829



53.0092, 0.2793, 0.3811

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.



31.1214, 0.2190, 0.3196



31.1214, 0.3669, 0.2829



31.1214, 0.3105, 0.4275

Square

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



31.1214, 0.3669, 0.2829



31.1214, 0.4138, 0.4133



31.1214, 0.2561, 0.3811



31.1214, 0.2174, 0.2411

Rectangle

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



31.1214, 0.3669, 0.2829



31.1214, 0.4307, 0.3562



31.1214, 0.2561, 0.3811



31.1214, 0.2075, 0.2837

Sweetspot

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



31.1229, 0.3669, 0.2829



80.9618, 0.3252, 0.3156



28.2595, 0.2804, 0.2207



16.9256, 0.3268, 0.3141



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.



31.1229, 0.3669, 0.2829



41.5198, 0.3850, 0.2730



31.0689, 0.4099, 0.3346



11.8945, 0.3222, 0.3187



8.8658, 0.5173, 0.2623



0.5116, 0.4722, 0.2375

Inverse Universe

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



31.1229, 0.3669, 0.2829



41.5198, 0.3850, 0.2730



52.6238, 0.2574, 0.3233



11.8945, 0.3222, 0.3187



8.8658, 0.5173, 0.2623



0.5116, 0.4722, 0.2375

Previews

White Background



This preview shows how the Yxy color 31.1214, 0.3669, 0.2829 looks on a white background.

Color Contrast Check

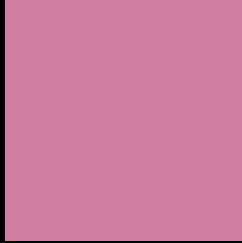
Large Text (above 18pt) WCAG AA × Fail

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 31.1214, 0.3669, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

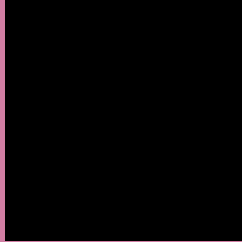
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1214, 0.3669, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 31.1214, 0.3669, 0.2829.



This preview shows how white text looks on a background with the Yxy color 31.1214, 0.3669, 0.2829.

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

31.1214, 0.3669, 0.2829

Protanopia

31.4989, 0.2832, 0.2873

Deuteranopia

31.1572, 0.3177, 0.3113



Tritanopia

31.1241, 0.3909, 0.3164

Trichromacy



Original Color

31.1214, 0.3669, 0.2829

Protanomaly

30.7981, 0.3107, 0.2849

Deuteranomaly

30.7066, 0.3357, 0.2996

Tritanomaly

31.2485, 0.3827, 0.3050

Monochromacy



Original Color

31.1214, 0.3669, 0.2829

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.5291, 0.3316, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1214, 0.3669, 0.2829 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(209, 126, 163)` looks like.

```
.text, #text, p{  
    color:rgb(209, 126, 163)  
}
```

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(209, 126, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 126, 163) }
```

Border

The CSS property to change the border of an element to Yxy 31.1214, 0.3669, 0.2829 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(209, 126, 163) }
```

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

```
.border{ border-color:rgb(209, 126, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 126, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 126, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 126, 163);  
box-shadow:4px 4px 4px 4px rgb(209, 126,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1214, 0.3669, 0.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 126, 163) }
```

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

```
.background{ background-color: rgb(209,  
126, 163) }
```

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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