

Converting Colors

$Y_{xy}(29.1556, 0.3131, 0.2990)$

Have a look what the booklet for
Yxy(29.1556, 0.3131, 0.2990)
contains.

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Color

Yxy(29.0965, 0.3131, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	A08DA1
RGB	160, 141, 161
RGB Percent	63%, 55%, 63%
CMY	0.3724, 0.4471, 0.3687
CMYK	0.01, 0.12, 0.00, 0.37
HSL	297°, 10%, 59%
HSV	297°, 12%, 63%
XYZ	30.4584, 29.0965, 37.7253
YIQ	148.9610, 4.9040, 10.2480

Conversions

Conversions Part 2

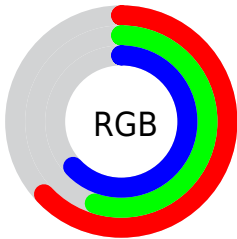
Format	Color
RYB	160, 141, 161
Decimal	10522017
CIELab	60.87, 10.84, -7.94
CIELCh	61, 13.435, 323.759
Yxy	29.0965, 0.3131, 0.2991
Android (android.graphics.Color)	4288712097 (0xFFA08DA1)
YUV	148.9610, 5.9352, 9.6812
Hunter-Lab	53.9412, 6.3948, -3.7073

Details

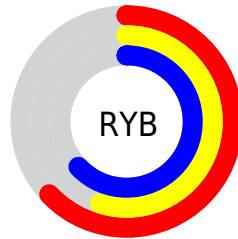
The Yxy color **29.0965, 0.3131, 0.2991** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1574, 0.3121, 0.3606**, and the grayscale version is **30.0122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4352, 0.3130, 0.3052**, and **11.7744, 0.3130, 0.2905** is the 20% darker color. If you saturate the color by 10%, you get **24.6105, 0.3133, 0.2744**, and if you desaturate by 10%, it is **34.2757, 0.3128, 0.3233**.

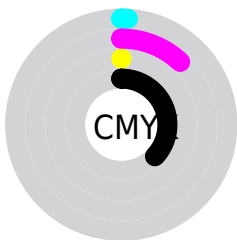
Distribution



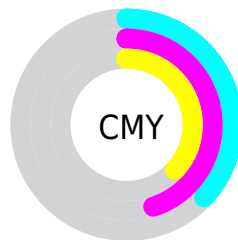
- Red (63%)
- Green (55%)
- Blue (63%)



- Red (63%)
- Yellow (55%)
- Blue (63%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)





- Cyan (37%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0965, 0.3131, 0.2991 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 29.0965, 0.3131, 0.2991 by changing the saturation by 10% instead.


 29.0965, 0.3131,
0.2991


 29.0965, 0.3131,
0.2991


297.6700, 0.3130,
0.3149

 19.1538, 0.3131,
0.2949


 58.2304, 0.3131,
0.3051

 11.7815, 0.3130,
0.2892


 78.1904, 0.3131,
0.3072

 6.5951, 0.3128,
0.2814


 102.2583, 0.3131,
0.3090

 3.2102, 0.3124,
0.2696

130.8184, 0.3131,
0.3106

 1.2424, 0.3113,
0.2504

164.2553, 0.3131,
0.3119

 0.0959, 0.3201,
0.0863

202.9533, 0.3131,

 0.0000, 0.0000,

0.3130

0.0000

247.2967, 0.3130,
0.3140

■ 29.0965, 0.3131,
0.2991

■ 29.0965, 0.3131,
0.2991

■ 24.6105, 0.3133,
0.2744

■ 34.2757, 0.3128,
0.3233

■ 20.7841, 0.3133,
0.2498

■ 40.1721, 0.3124,
0.3464

■ 17.5870, 0.3132,
0.2261

■ 46.8134, 0.3120,
0.3682

■ 14.9847, 0.3129,
0.2043

■ 54.2244, 0.3115,
0.3884

■ 12.9393, 0.3124,
0.1853

■ 62.4291, 0.3110,
0.4070

■ 11.4090, 0.3117,
0.1699

■ 71.4502, 0.3106,
0.4239

■ 10.3457, 0.3109,
0.1585

■ 81.3096, 0.3101,
0.4393

■ 9.6923, 0.3098,
0.1512

■ 82.2263, 0.3105,
0.4404

■ 9.3669, 0.3090,
0.1476

■ 82.3107, 0.3109,
0.4402

Harmonies

Analogous

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



29.0965, 0.2919, 0.2925



29.0965, 0.3131, 0.2991



29.0965, 0.3349, 0.3130

Triad

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



29.0965, 0.3131, 0.2991



29.0965, 0.3496, 0.3630



29.0965, 0.2758, 0.3251

Complementary

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



29.0965, 0.3131, 0.2991



33.1574, 0.3121, 0.3606

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.



29.0965, 0.2904, 0.3456



29.0965, 0.3131, 0.2991



29.0965, 0.3329, 0.3680

Square

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



29.0965, 0.3131, 0.2991



29.0965, 0.3564, 0.3492



29.0965, 0.3111, 0.3617



29.0965, 0.2709, 0.3066

Rectangle

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



29.0965, 0.3131, 0.2991



29.0965, 0.3466, 0.3248



29.0965, 0.3111, 0.3617



29.0965, 0.2797, 0.3320

Sweetspot

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



29.0978, 0.3131, 0.2991



59.7698, 0.3129, 0.3193



27.5798, 0.2935, 0.2989



12.9565, 0.3129, 0.3176



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0978, 0.3131, 0.2991



49.6938, 0.3132, 0.2921



28.8915, 0.3232, 0.3124



7.1847, 0.3130, 0.3068



7.4870, 0.3091, 0.1476



0.1622, 0.3137, 0.1502

Inverse Universe

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



28.5765, 0.3336, 0.3276



48.5701, 0.3392, 0.3272



33.3513, 0.3035, 0.3462



7.0912, 0.3278, 0.3280



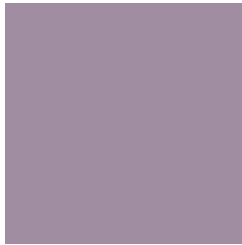
6.0670, 0.6333, 0.3263



0.1290, 0.6031, 0.3096

Previews

White Background



This preview shows how the Yxy color 29.0965, 0.3131, 0.2991 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0965, 0.3131, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

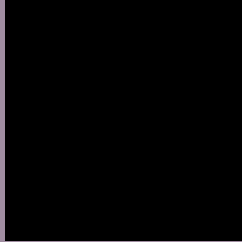
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0965, 0.3131, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 29.0965, 0.3131, 0.2991.



This preview shows how white text looks on a background with the Yxy color 29.0965, 0.3131, 0.2991.

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

29.0965, 0.3131, 0.2991

Protanopia

29.1674, 0.2939, 0.3010

Deuteranopia

29.1867, 0.3078, 0.3017



Tritanopia

29.0168, 0.3199, 0.3123

Trichromacy



Original Color

29.0965, 0.3131, 0.2991

Protanomaly

29.0749, 0.3008, 0.2999

Deuteranomaly

29.0873, 0.3099, 0.3003

Tritanomaly

29.1172, 0.3169, 0.3079

Monochromacy



Original Color

29.0965, 0.3131, 0.2991

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6300, 0.3132, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0965, 0.3131, 0.2991 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(160, 141, 161)` looks like.

```
.text, #text, p{  
    color:rgb(160, 141, 161)  
}
```

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(160, 141, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 141, 161) }
```

Border

The CSS property to change the border of an element to Yxy 29.0965, 0.3131, 0.2991 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(160, 141, 161) }
```

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

```
.border{ border-color:rgb(160, 141, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 141, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 141, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 141, 161);  
box-shadow:4px 4px 4px 4px rgb(160, 141,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0965, 0.3131, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 141, 161) }
```

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

```
.background{ background-color: rgb(160,  
141, 161) }
```

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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