

Converting Colors

$Yxy(28.5856, 0.3188, 0.2998)$

Have a look what the booklet for
Yxy(28.5856, 0.3188, 0.2998)
contains.

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Color

Yxy(28.7204, 0.3194, 0.3007)

Conversions

Conversions Part 1

Format	Color
Hex	A38B9E
RGB	163, 139, 158
RGB Percent	64%, 55%, 62%
CMY	0.3608, 0.4549, 0.3804
CMYK	0.00, 0.15, 0.03, 0.36
HSL	312°, 12%, 59%
HSV	312°, 15%, 64%
XYZ	30.5065, 28.7204, 36.2849
YIQ	148.3420, 8.2050, 10.9970

Conversions

Conversions Part 2

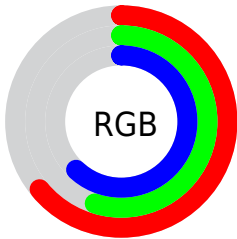
Format	Color
RYB	163, 139, 158
Decimal	10718110
CIELab	60.53, 12.45, -6.70
CIELCh	61, 14.140, 331.694
Yxy	28.7204, 0.3194, 0.3007
Android (android.graphics.Color)	4288908190 (0xFFA38B9E)
YUV	148.3420, 4.7614, 12.8551
Hunter-Lab	53.5914, 7.8247, -2.6293

Details

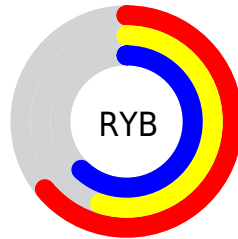
The Yxy color **28.7204, 0.3194, 0.3007** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.6927, 0.3067, 0.3590**, and the grayscale version is **29.7419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8495, 0.3178, 0.3064**, and **11.5858, 0.3208, 0.2908** is the 20% darker color. If you saturate the color by 10%, you get **24.2329, 0.3248, 0.2808**, and if you desaturate by 10%, it is **33.9173, 0.3147, 0.3201**.

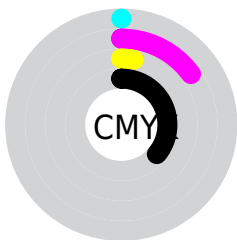
Distribution



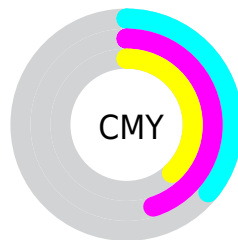
- Red (64%)
- Green (55%)
- Blue (62%)



- Red (64%)
- Yellow (55%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (3%)
- Black (36%)




- Cyan (36%)
- Magenta (45%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7204, 0.3194, 0.3007 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 28.7204, 0.3194, 0.3007 by changing the saturation by 10% instead.


 28.7204, 0.3194,
0.3007


 28.7204, 0.3194,
0.3007


295.8934, 0.3159,
0.3157

 18.8694, 0.3203,
0.2967


 57.6326, 0.3181,
0.3064

 11.5760, 0.3215,
0.2913


 77.4625, 0.3176,
0.3084

 6.4556, 0.3231,
0.2838


 101.3876, 0.3172,
0.3101

 3.1241, 0.3255,
0.2726

129.7922, 0.3169,
0.3116

 1.1968, 0.3291,
0.2540

163.0606, 0.3166,
0.3128

 0.0591, 0.3781,
0.0621

201.5774, 0.3164,

 0.0000, 0.0000,

0.3139

0.0000

245.7269, 0.3161,
0.3149

■ 28.7204, 0.3194,
0.3007

■ 28.7204, 0.3194,
0.3007

■ 24.2329, 0.3248,
0.2808

■ 33.9173, 0.3147,
0.3201

■ 20.4201, 0.3309,
0.2609

■ 39.8490, 0.3107,
0.3387

■ 17.2497, 0.3377,
0.2417

■ 46.5441, 0.3072,
0.3562

■ 14.6855, 0.3451,
0.2242

■ 54.0289, 0.3043,
0.3724

■ 12.6878, 0.3530,
0.2092

■ 62.3282, 0.3018,
0.3874

■ 11.2119, 0.3610,
0.1978

■ 71.4656, 0.2998,
0.4012

■ 10.2064, 0.3691,
0.1905

■ 81.4639, 0.2980,
0.4138

■ 9.6085, 0.3769,
0.1878

■ 82.8120, 0.2963,
0.4115

■ 9.3733, 0.3810,
0.1872

■ 82.9569, 0.2946,
0.4074

Harmonies

Analogous

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



28.7204, 0.2962, 0.2915



28.7204, 0.3194, 0.3007



28.7204, 0.3415, 0.3168

Triad

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



28.7204, 0.3194, 0.3007



28.7204, 0.3479, 0.3674



28.7204, 0.2713, 0.3191

Complementary

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



28.7204, 0.3194, 0.3007



33.6927, 0.3067, 0.3590

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.



28.7204, 0.2842, 0.3410



28.7204, 0.3194, 0.3007



28.7204, 0.3282, 0.3697

Square

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



28.7204, 0.3194, 0.3007



28.7204, 0.3582, 0.3548



28.7204, 0.3048, 0.3600



28.7204, 0.2691, 0.3011

Rectangle

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



28.7204, 0.3194, 0.3007



28.7204, 0.3523, 0.3297



28.7204, 0.3048, 0.3600



28.7204, 0.2745, 0.3263

Sweetspot

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



28.7217, 0.3194, 0.3007



61.3916, 0.3144, 0.3213



27.0233, 0.2944, 0.2913



13.6250, 0.3147, 0.3200



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



28.7217, 0.3194, 0.3007



48.3916, 0.3213, 0.2935



28.3345, 0.3317, 0.3181



7.1768, 0.3168, 0.3114



7.2928, 0.3803, 0.1869



0.1592, 0.3553, 0.1731

Inverse Universe

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



28.7217, 0.3194, 0.3007



48.3916, 0.3213, 0.2935



34.0726, 0.2968, 0.3401



7.1768, 0.3168, 0.3114



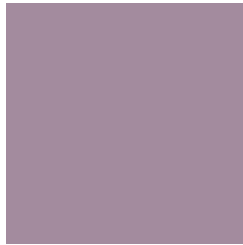
7.2928, 0.3803, 0.1869



0.1592, 0.3553, 0.1731

Previews

White Background



This preview shows how the Yxy color 28.7204, 0.3194, 0.3007 looks on a white background.

Color Contrast Check

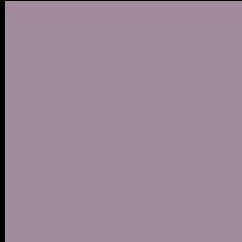
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7204, 0.3194, 0.3007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

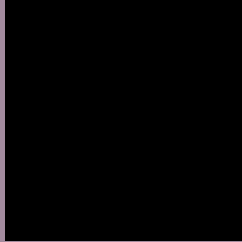
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

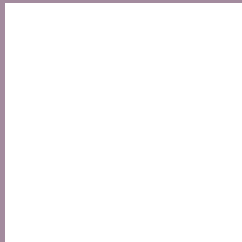
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.7204, 0.3194, 0.3007

Background



This preview shows how black text looks on a background with the Yxy color 28.7204, 0.3194, 0.3007.



This preview shows how white text looks on a background with the Yxy color 28.7204, 0.3194, 0.3007.

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

28.7204, 0.3194, 0.3007

Protanopia

28.7887, 0.2957, 0.3024

Deuteranopia

28.7489, 0.3117, 0.3061



Tritanopia

28.6719, 0.3254, 0.3124

Trichromacy



Original Color

28.7204, 0.3194, 0.3007

Protanomaly

28.7974, 0.3037, 0.3013

Deuteranomaly

28.7532, 0.3149, 0.3048

Tritanomaly

28.7706, 0.3223, 0.3080

Monochromacy



Original Color

28.7204, 0.3194, 0.3007

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2901, 0.3143, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7204, 0.3194, 0.3007 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(163, 139, 158)` looks like.

```
.text, #text, p{  
    color:rgb(163, 139, 158)  
}
```

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(163, 139, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 139, 158) }
```

Border

The CSS property to change the border of an element to Yxy 28.7204, 0.3194, 0.3007 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(163, 139, 158) }
```

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

```
.border{ border-color:rgb(163, 139, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 139, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 139, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 139, 158);  
box-shadow:4px 4px 4px 4px rgb(163, 139,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7204, 0.3194, 0.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 139, 158) }
```

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

```
.background{ background-color: rgb(163,  
139, 158) }
```

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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