

Converting Colors

$Y_{xy}(28.7222, 0.3153, 0.2963)$

Have a look what the booklet for
Yxy(28.7222, 0.3153, 0.2963)
contains.

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Color

Yxy(28.7198, 0.3153, 0.2963)

Conversions

Conversions Part 1

Format	Color
Hex	A28BA1
RGB	162, 139, 161
RGB Percent	64%, 55%, 63%
CMY	0.3648, 0.4548, 0.3687
CMYK	0.00, 0.14, 0.01, 0.36
HSL	303°, 11%, 59%
HSV	303°, 14%, 64%
XYZ	30.5614, 28.7198, 37.6469
YIQ	148.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

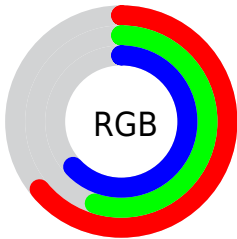
Format	Color
RYB	162, 139, 161
Decimal	10652577
CIELab	60.53, 12.66, -8.42
CIELCh	61, 15.202, 326.368
Yxy	28.7198, 0.3153, 0.2963
Android (android.graphics.Color)	4288842657 (0xFFA28BA1)
YUV	148.3850, 6.2192, 11.9404
Hunter-Lab	53.5909, 8.0098, -4.1369

Details

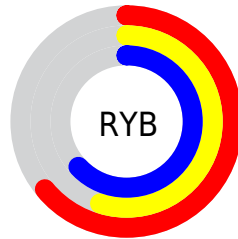
The Yxy color **28.7198, 0.3153, 0.2963** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2156, 0.3101, 0.3640**, and the grayscale version is **29.7544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8495, 0.3147, 0.3030**, and **11.5639, 0.3163, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **24.3478, 0.3173, 0.2727**, and if you desaturate by 10%, it is **33.7895, 0.3134, 0.3195**.

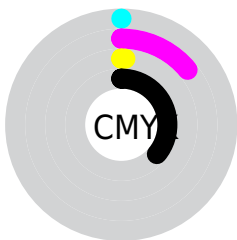
Distribution



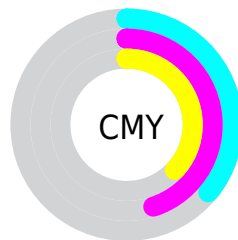
- Red (64%)
- Green (55%)
- Blue (63%)



- Red (64%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (1%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7198, 0.3153, 0.2963 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 28.7198, 0.3153, 0.2963 by changing the saturation by 10% instead.


 28.7198, 0.3153,
0.2963


 28.7198, 0.3153,
0.2963


295.8906, 0.3141,
0.3136


 18.8690, 0.3156,
0.2917


 57.6316, 0.3149,
0.3028

 11.5756, 0.3159,
0.2855


 77.4614, 0.3147,
0.3052

 6.4554, 0.3163,
0.2769


 101.3862, 0.3146,
0.3072

 3.1239, 0.3167,
0.2642

129.7905, 0.3144,
0.3088

 1.1968, 0.3169,
0.2433

163.0587, 0.3143,
0.3103

 0.0591, 0.3390,
0.0548

201.5752, 0.3142,

 0.0000, 0.0000,

0.3115

0.0000

245.7244, 0.3142,
0.3126

■ 28.7198, 0.3153,
0.2963

■ 28.7198, 0.3153,
0.2963

■ 24.3478, 0.3173,
0.2727

■ 33.7895, 0.3134,
0.3195

■ 20.6392, 0.3194,
0.2495

■ 39.5816, 0.3117,
0.3419

■ 17.5626, 0.3216,
0.2274

■ 46.1244, 0.3102,
0.3631

■ 15.0824, 0.3237,
0.2073

■ 53.4434, 0.3089,
0.3828

■ 13.1598, 0.3258,
0.1902

■ 61.5631, 0.3076,
0.4010

■ 11.7512, 0.3277,
0.1768

■ 70.5068, 0.3066,
0.4177

■ 10.8063, 0.3295,
0.1674

■ 80.2967, 0.3056,
0.4328

■ 10.2651, 0.3310,
0.1622

■ 81.9719, 0.3052,
0.4344

■ 10.0467, 0.3318,
0.1602

■ 81.9975, 0.3049,
0.4336

Harmonies

Analogous

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



28.7198, 0.2909, 0.2880



28.7198, 0.3153, 0.2963



28.7198, 0.3399, 0.3124

Triad

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



28.7198, 0.3153, 0.2963



28.7198, 0.3533, 0.3685



28.7198, 0.2700, 0.3224

Complementary

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



28.7198, 0.3153, 0.2963



33.2156, 0.3101, 0.3640

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.



28.7198, 0.2855, 0.3460



28.7198, 0.3153, 0.2963



28.7198, 0.3335, 0.3733

Square

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



28.7198, 0.3153, 0.2963



28.7198, 0.3623, 0.3534



28.7198, 0.3086, 0.3651



28.7198, 0.2655, 0.3019

Rectangle

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



28.7198, 0.3153, 0.2963



28.7198, 0.3527, 0.3259



28.7198, 0.3086, 0.3651



28.7198, 0.2740, 0.3302

Sweetspot

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



28.7210, 0.3153, 0.2963



61.4615, 0.3134, 0.3198



26.6334, 0.2913, 0.2924



13.6435, 0.3136, 0.3181



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.



28.7210, 0.3153, 0.2963



49.5249, 0.3159, 0.2889



28.3414, 0.3268, 0.3128



7.1969, 0.3144, 0.3078



7.9193, 0.3317, 0.1601



0.1679, 0.3275, 0.1578

Inverse Universe

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



28.7210, 0.3153, 0.2963



49.5249, 0.3159, 0.2889



33.5650, 0.3005, 0.3458



7.1969, 0.3144, 0.3078



7.9193, 0.3317, 0.1601



0.1679, 0.3275, 0.1578

Previews

White Background



This preview shows how the Yxy color 28.7198, 0.3153, 0.2963 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 28.7198, 0.3153, 0.2963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

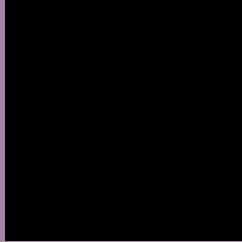
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7198, 0.3153, 0.2963

Background



This preview shows how black text looks on a background with the Yxy color 28.7198, 0.3153, 0.2963.



This preview shows how white text looks on a background with the Yxy color 28.7198, 0.3153, 0.2963.

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

28.7198, 0.3153, 0.2963

Protanopia

28.8071, 0.2920, 0.2978

Deuteranopia

28.7541, 0.3077, 0.3015



Tritanopia

28.8938, 0.3232, 0.3124

Trichromacy



Original Color

28.7198, 0.3153, 0.2963

Protanomaly

28.8093, 0.2998, 0.2968

Deuteranomaly

28.7559, 0.3109, 0.3003

Tritanomaly

28.6998, 0.3202, 0.3064

Monochromacy



Original Color

28.7198, 0.3153, 0.2963

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.3230, 0.3133, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7198, 0.3153, 0.2963 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(162, 139, 161)` looks like.

```
.text, #text, p{  
    color:rgb(162, 139, 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(162, 139, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 139, 161) }
```

Border

The CSS property to change the border of an element to Yxy 28.7198, 0.3153, 0.2963 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(162, 139, 161) }
```

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

```
.border{ border-color:rgb(162, 139, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 139, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 139, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 139, 161);  
box-shadow:4px 4px 4px 4px rgb(162, 139,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7198, 0.3153, 0.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 139, 161) }
```

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

```
.background{ background-color: rgb(162,  
139, 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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