

Converting Colors

$Y_{xy}(28.7981, 0.3622, 0.2961)$

Have a look what the booklet for
Yxy(28.7981, 0.3622, 0.2961)
contains.

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Color

Yxy(28.7832, 0.3618, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	C17F98
RGB	193, 127, 152
RGB Percent	76%, 50%, 60%
CMY	0.2430, 0.5020, 0.4039
CMYK	0.00, 0.34, 0.21, 0.24
HSL	337°, 35%, 63%
HSV	337°, 34%, 76%
XYZ	35.2531, 28.7832, 33.4018
YIQ	149.5840, 31.3110, 21.7670

Conversions

Conversions Part 2

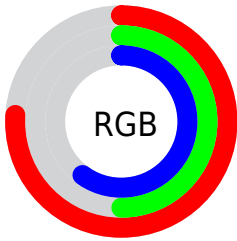
Format	Color
R_{YB}	193, 127, 152
Decimal	12681112
CIE Lab	60.59, 29.12, -2.83
CIE LCh	61, 29.253, 354.440
Yxy	28.7832, 0.3618, 0.2954
Android (android.graphics.Color)	4290871192 (0xFFC17F98)
YUV	149.5840, 1.1911, 38.0758
Hunter-Lab	53.6500, 23.4038, 0.6418

Details

The Yxy color **28.7832, 0.3618, 0.2954** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4893, 0.2806, 0.3657**, and the grayscale version is **30.2996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0132, 0.3522, 0.3029**, and **11.6506, 0.3788, 0.2850** is the 20% darker color. If you saturate the color by 10%, you get **23.8942, 0.3831, 0.2855**, and if you desaturate by 10%, it is **34.6697, 0.3440, 0.3056**.

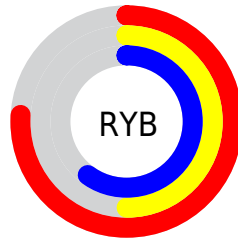
Distribution



Red (76%)

Green (50%)

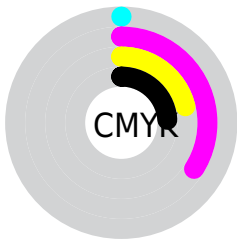
Blue (60%)



Red (76%)

Yellow (50%)

Blue (60%)

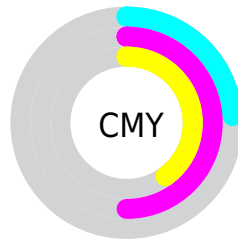


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (50%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7832, 0.3618, 0.2954 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 28.7832, 0.3618, 0.2954 by changing the saturation by 10% instead.


 28.7832, 0.3618,
0.2954

 28.7832, 0.3618,
0.2954


296.1907, 0.3355,
0.3133


 18.9169, 0.3690,
0.2906


 57.7325, 0.3518,
0.3022

 11.6102, 0.3788,
0.2841


 77.5842, 0.3481,
0.3046

 6.4789, 0.3925,
0.2751


 101.5331, 0.3451,
0.3067

 3.1384, 0.4134,
0.2616

129.9638, 0.3426,
0.3084

 1.2044, 0.4486,
0.2394

163.2604, 0.3404,
0.3099

 0.0653, 0.6979,
0.0590


201.8076, 0.3385,


 0.0000, 0.0000,


0.3111

0.0000


245.9895, 0.3369,
0.3123


 28.7832, 0.3618,
0.2954

 28.7832, 0.3618,
0.2954

 23.8942, 0.3831,
0.2855

 34.6697, 0.3440,
0.3056


 19.9428, 0.4081,
0.2767


 41.6011, 0.3292,
0.3156


 16.8688, 0.4366,
0.2699


 49.6267, 0.3171,
0.3252


 14.6033, 0.4677,
0.2665

 58.7915, 0.3072,
0.3341


 13.0668, 0.4997,
0.2675

 69.1378, 0.2991,
0.3423

 12.1637, 0.5304,
0.2737

 80.7059, 0.2924,
0.3499

 11.8227, 0.5472,
0.2788

 88.9135, 0.2865,
0.3494

 89.6341, 0.2803,
0.3364

 90.0804, 0.2768,
0.3289

Harmonies

Analogous

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



28.7832, 0.3134, 0.2676



28.7832, 0.3618, 0.2954



28.7832, 0.3978, 0.3316

Triad

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



28.7832, 0.3618, 0.2954



28.7832, 0.3535, 0.4160



28.7832, 0.2252, 0.2777

Complementary

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



28.7832, 0.3618, 0.2954



45.4893, 0.2806, 0.3657

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.



28.7832, 0.2341, 0.3170



28.7832, 0.3618, 0.2954



28.7832, 0.3063, 0.4033

Square

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



28.7832, 0.3618, 0.2954



28.7832, 0.3915, 0.4015



28.7832, 0.2629, 0.3649



28.7832, 0.2371, 0.2560

Rectangle

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



28.7832, 0.3618, 0.2954



28.7832, 0.4082, 0.3572



28.7832, 0.2629, 0.3649



28.7832, 0.2258, 0.2891

Sweetspot

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



28.7845, 0.3618, 0.2954



80.0693, 0.3240, 0.3196



27.3217, 0.2906, 0.2384



16.7510, 0.3258, 0.3182



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



28.7845, 0.3618, 0.2954



44.8657, 0.3773, 0.2880



30.1162, 0.3887, 0.3398



10.1396, 0.3231, 0.3203



7.8759, 0.5438, 0.2770



0.3537, 0.4831, 0.2435

Inverse Universe

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



28.7845, 0.3618, 0.2954



44.8657, 0.3773, 0.2880



43.1944, 0.2634, 0.3178



10.1396, 0.3231, 0.3203



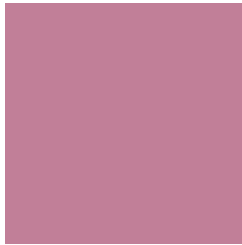
7.8759, 0.5438, 0.2770



0.3537, 0.4831, 0.2435

Previews

White Background



This preview shows how the Yxy color 28.7832, 0.3618, 0.2954 looks on a white background.

Color Contrast Check

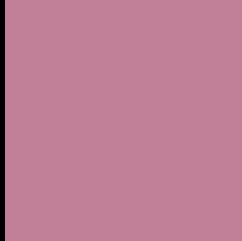
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7832, 0.3618, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

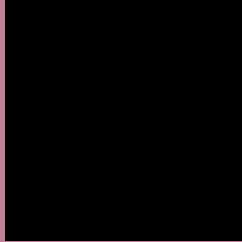
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7832, 0.3618, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 28.7832, 0.3618, 0.2954.



This preview shows how white text looks on a background with the Yxy color 28.7832, 0.3618, 0.2954.

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

28.7832, 0.3618, 0.2954

Protanopia

28.8244, 0.2948, 0.3009

Deuteranopia

28.8869, 0.3239, 0.3183



Tritanopia

28.7711, 0.3756, 0.3155

Trichromacy



Original Color

28.7832, 0.3618, 0.2954

Protanomaly

28.3615, 0.3174, 0.2976

Deuteranomaly

28.7513, 0.3369, 0.3100

Tritanomaly

28.6584, 0.3699, 0.3073

Monochromacy



Original Color

28.7832, 0.3618, 0.2954

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.6874, 0.3295, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7832, 0.3618, 0.2954 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(193, 127, 152)` looks like.

```
.text, #text, p{  
    color:rgb(193, 127, 152)  
}
```

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(193, 127, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 127, 152) }
```

Border

The CSS property to change the border of an element to Yxy 28.7832, 0.3618, 0.2954 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(193, 127, 152) }
```

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

```
.border{ border-color:rgb(193, 127, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 127, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 127, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 127, 152);  
box-shadow:4px 4px 4px 4px rgb(193, 127,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7832, 0.3618, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 127, 152) }
```

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

```
.background{ background-color: rgb(193,  
127, 152) }
```

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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