

Converting Colors

Yxy(47.9621, 0.3143, 0.3128)

Have a look what the booklet for
Yxy(47.9621, 0.3143, 0.3128)
contains.

Yxy(47.9621, 0.3143, 0.3128)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.9621, 0.3143, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	C2B4C1
RGB	194, 180, 193
RGB Percent	76%, 71%, 76%
CMY	0.2393, 0.2941, 0.2431
CMYK	0.00, 0.07, 0.00, 0.24
HSL	304°, 10%, 73%
HSV	304°, 7%, 76%
XYZ	48.1921, 47.9621, 57.1773
YIQ	185.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

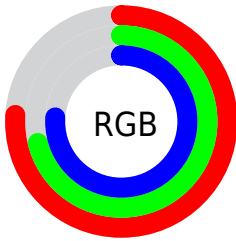
Format	Color
R_YB	194, 180, 193
Decimal	12760257
CIE Lab	74.80, 7.32, -4.80
CIE LCh	75, 8.754, 326.729
Yxy	47.9621, 0.3143, 0.3128
Android (android.graphics.Color)	4290950337 (0xFFC2B4C1)
YUV	185.6680, 3.6147, 7.3072
Hunter-Lab	69.2547, 3.0167, -0.4721

Details

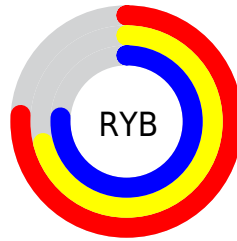
The Yxy color $47.9621, 0.3143, 0.3128$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $51.6143, 0.3112, 0.3458$, and the grayscale version is $48.8853, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3397, 0.3146, 0.3163$, and $22.6476, 0.3137, 0.3071$ is the 20% darker color. If you saturate the color by 10%, you get $40.6124, 0.3167, 0.2897$, and if you desaturate by 10%, it is $56.4126, 0.3121, 0.3352$.

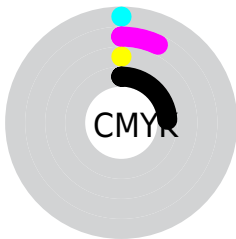
Distribution



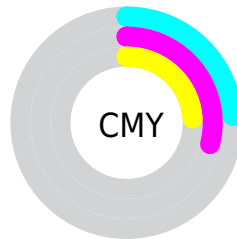
- Red (76%)
- Green (71%)
- Blue (76%)



- Red (76%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)





- Cyan (24%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9621, 0.3143, 0.3128 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 47.9621, 0.3143, 0.3128 by changing the saturation by 10% instead.


 47.9621, 0.3143,
0.3128

 47.9621, 0.3143,
0.3128


378.6419, 0.3136,
0.3208

 33.7969, 0.3145,
0.3108


 87.1480, 0.3140,
0.3157

 22.7376, 0.3147,
0.3084


112.9374, 0.3139,
0.3168

 14.3999, 0.3150,
0.3051


143.3704, 0.3139,
0.3177

 8.3993, 0.3153,
0.3006

178.8313, 0.3138,
0.3185

 4.3515, 0.3158,
0.2940

219.7045, 0.3137,
0.3192

 1.8721, 0.3164,
0.2834

266.3744, 0.3137,

 0.5315, 0.3211,

0.3198

0.2496

319.2254, 0.3136,
0.3203

0.0000, 0.0000,
0.0000

47.9621, 0.3143,
0.3128

47.9621, 0.3143,
0.3128

40.6124, 0.3167,
0.2897

56.4126, 0.3121,
0.3352

34.3119, 0.3193,
0.2664

66.0003, 0.3102,
0.3564

29.0144, 0.3221,
0.2436

76.7675, 0.3085,
0.3762

24.6677, 0.3251,
0.2223

87.0813, 0.3071,
0.3919

21.2147, 0.3280,
0.2033

87.1436, 0.3064,
0.3904

■ 18.5925, 0.3309,
0.1875

■ 87.2064, 0.3057,
0.3888

■ 16.7300, 0.3337,
0.1757

■ 87.2699, 0.3049,
0.3873

■ 15.5439, 0.3362,
0.1683

■ 87.3338, 0.3042,
0.3858

■ 14.9186, 0.3385,
0.1648

■ 87.3983, 0.3035,
0.3842

Harmonies

Analogous

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



47.9621, 0.3023, 0.3087



47.9621, 0.3143, 0.3128



47.9621, 0.3260, 0.3210

Triad

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



47.9621, 0.3143, 0.3128



47.9621, 0.3324, 0.3484



47.9621, 0.2916, 0.3260

Complementary

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



47.9621, 0.3143, 0.3128



51.6143, 0.3112, 0.3458

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.



47.9621, 0.2994, 0.3371



47.9621, 0.3143, 0.3128



47.9621, 0.3229, 0.3502

Square

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



47.9621, 0.3143, 0.3128



47.9621, 0.3366, 0.3414



47.9621, 0.3108, 0.3460



47.9621, 0.2894, 0.3160

Rectangle

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



47.9621, 0.3143, 0.3128



47.9621, 0.3321, 0.3279



47.9621, 0.3108, 0.3460



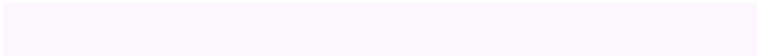
47.9621, 0.2937, 0.3297

Sweetspot

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



47.9642, 0.3143, 0.3128



94.5813, 0.3132, 0.3245



46.3574, 0.3026, 0.3110



20.7459, 0.3131, 0.3247



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.



47.9642, 0.3143, 0.3128



84.1802, 0.3147, 0.3084



47.6612, 0.3199, 0.3214



10.2351, 0.3148, 0.3078



9.7282, 0.3389, 0.1640



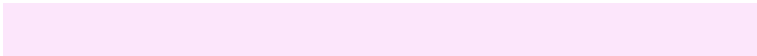
0.4240, 0.3344, 0.1616

Inverse Universe

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



47.9642, 0.3143, 0.3128



84.1802, 0.3147, 0.3084



51.9067, 0.3061, 0.3367



10.2351, 0.3148, 0.3078



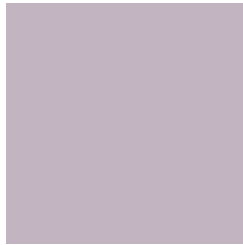
9.7282, 0.3389, 0.1640



0.4240, 0.3344, 0.1616

Previews

White Background



This preview shows how the Yxy color 47.9621, 0.3143, 0.3128 looks on a white background.

Color Contrast Check

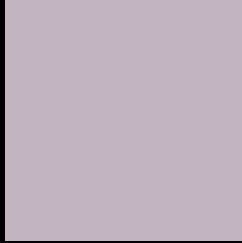
Large Text (above 18pt) WCAG AA × Fail

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 47.9621, 0.3143, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

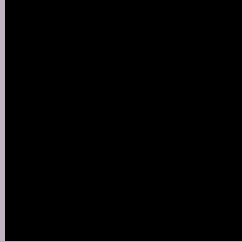
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

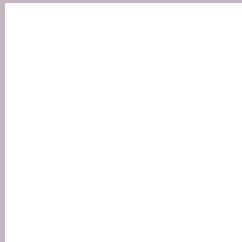
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9621, 0.3143, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 47.9621, 0.3143, 0.3128.



This preview shows how white text looks on a background with the Yxy color 47.9621, 0.3143, 0.3128.

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

47.9621, 0.3143, 0.3128

Protanopia

47.9975, 0.3043, 0.3137

Deuteranopia

48.0962, 0.3178, 0.3117



Tritanopia

48.0069, 0.3135, 0.3116

Trichromacy



Original Color

47.9621, 0.3143, 0.3128

Protanomaly

48.0423, 0.3084, 0.3139

Deuteranomaly

47.9608, 0.3170, 0.3117

Tritanomaly

48.0069, 0.3135, 0.3116

Monochromacy



Original Color

47.9621, 0.3143, 0.3128

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7739, 0.3130, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9621, 0.3143, 0.3128 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(194, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 180, 193)  
}
```

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(194, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 180, 193) }
```

Border

The CSS property to change the border of an element to Yxy 47.9621, 0.3143, 0.3128 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(194, 180, 193) }
```

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

```
.border{ border-color:rgb(194, 180, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 180, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 180, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 180,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9621, 0.3143, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 180, 193) }
```

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

```
.background{ background-color: rgb(194,  
180, 193) }
```

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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