

Converting Colors

$Y_{xy}(29.1653, 0.3552, 0.3163)$

Have a look what the booklet for
Yxy(29.1653, 0.3552, 0.3163)
contains.

Yxy(29.1653, 0.3552, 0.3163)	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(29.1653, 0.3552, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	B58790
RGB	181, 135, 144
RGB Percent	71%, 53%, 56%
CMY	0.2902, 0.4706, 0.4353
CMYK	0.00, 0.25, 0.20, 0.29
HSL	348°, 24%, 62%
HSV	348°, 25%, 71%
XYZ	32.7522, 29.1653, 30.2902
YIQ	149.7800, 24.5270, 12.5510

Conversions

Conversions Part 2

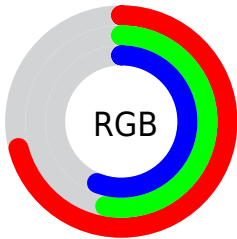
Format	Color
RYB	181, 135, 144
Decimal	11896720
CIELab	60.93, 18.96, 2.07
CIELCh	61, 19.070, 6.241
Yxy	29.1653, 0.3552, 0.3163
Android (android.graphics.Color)	4290086800 (0xFFB58790)
YUV	149.7800, -2.8495, 27.3799
Hunter-Lab	54.0049, 13.7457, 4.5489

Details

The Yxy color **29.1653, 0.3552, 0.3163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.1730, 0.2823, 0.3422**, and the grayscale version is **30.4062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6496, 0.3465, 0.3193**, and **11.8172, 0.3693, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **24.1210, 0.3791, 0.3110**, and if you desaturate by 10%, it is **35.1283, 0.3357, 0.3215**.

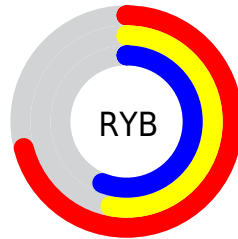
Distribution



Red (71%)

Green (53%)

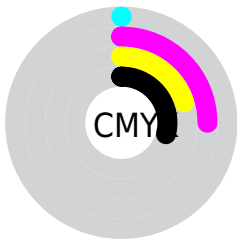
Blue (56%)



Red (71%)

Yellow (53%)

Blue (56%)

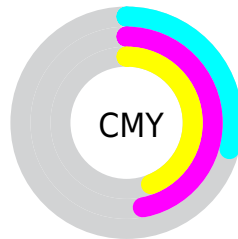


Cyan (0%)

Magenta (25%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1653, 0.3552, 0.3163 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 29.1653, 0.3552, 0.3163 by changing the saturation by 10% instead.


 29.1653, 0.3552,
0.3163


 29.1653, 0.3552,
0.3163


297.9941, 0.3322,
0.3233

 19.2059, 0.3616,
0.3143


 58.3396, 0.3464,
0.3190

 11.8192, 0.3702,
0.3116


 78.3233, 0.3432,
0.3200

 6.6207, 0.3825,
0.3076


 102.4172, 0.3406,
0.3208

 3.2260, 0.4015,
0.3014

131.0058, 0.3384,
0.3214

 1.2508, 0.4343,
0.2902

164.4734, 0.3365,
0.3220

 0.1027, 0.8452,
0.1548

203.2043, 0.3349,

 0.0000, 0.0000,

0.3225

0.0000

247.5831, 0.3335,
0.3229

■ 29.1653, 0.3552,
0.3163

■ 29.1653, 0.3552,
0.3163

■ 24.1210, 0.3791,
0.3110

■ 35.1283, 0.3357,
0.3215

■ 19.9456, 0.4080,
0.3061

■ 42.0482, 0.3200,
0.3265

■ 16.5911, 0.4421,
0.3020

■ 49.9662, 0.3072,
0.3311

■ 14.0030, 0.4808,
0.2995

■ 58.9198, 0.2968,
0.3353

■ 12.1200, 0.5219,
0.2995

■ 68.9445, 0.2883,
0.3392

■ 10.8717, 0.5617,
0.3029

■ 80.0741, 0.2814,
0.3427

■ 10.1708, 0.5952,
0.3095

■ 87.9907, 0.2750,
0.3387

■ 9.9461, 0.6083,
0.3125

■ 88.5624, 0.2706,
0.3289

Harmonies

Analogous

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



29.1653, 0.3263, 0.2943



29.1653, 0.3552, 0.3163



29.1653, 0.3725, 0.3421

Triad

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



29.1653, 0.3552, 0.3163



29.1653, 0.3284, 0.3833



29.1653, 0.2558, 0.2887

Complementary

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



29.1653, 0.3552, 0.3163



41.1730, 0.2823, 0.3422

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.



29.1653, 0.2564, 0.3110



29.1653, 0.3552, 0.3163



29.1653, 0.2973, 0.3678

Square

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



29.1653, 0.3552, 0.3163



29.1653, 0.3562, 0.3819



29.1653, 0.2712, 0.3405



29.1653, 0.2695, 0.2782

Rectangle

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



29.1653, 0.3552, 0.3163



29.1653, 0.3747, 0.3587



29.1653, 0.2712, 0.3405



29.1653, 0.2543, 0.2950

Sweetspot

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



29.1666, 0.3552, 0.3163



71.7609, 0.3239, 0.3251



29.4135, 0.3061, 0.2650



15.1022, 0.3262, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.1666, 0.3552, 0.3163



47.4378, 0.3668, 0.3136



33.0045, 0.3608, 0.3487



8.5315, 0.3257, 0.3246



6.8657, 0.6055, 0.3109



0.2240, 0.5322, 0.2706

Inverse Universe

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



29.1666, 0.3552, 0.3163



47.4378, 0.3668, 0.3136



36.1962, 0.2742, 0.3084



8.5315, 0.3257, 0.3246



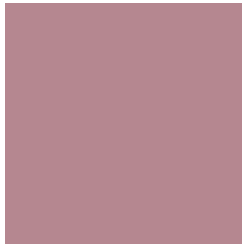
6.8657, 0.6055, 0.3109



0.2240, 0.5322, 0.2706

Previews

White Background



This preview shows how the Yxy color 29.1653, 0.3552, 0.3163 looks on a white background.

Color Contrast Check

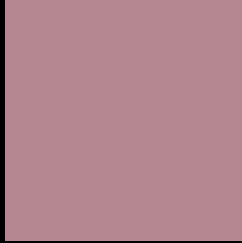
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1653, 0.3552, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

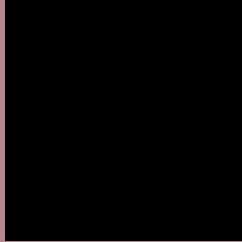
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1653, 0.3552, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 29.1653, 0.3552, 0.3163.



This preview shows how white text looks on a background with the Yxy color 29.1653, 0.3552, 0.3163.

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

29.1653, 0.3552, 0.3163

Protanopia

29.4914, 0.3109, 0.3227

Deuteranopia

29.1157, 0.3345, 0.3275



Tritanopia

29.1960, 0.3541, 0.3149

Trichromacy



Original Color

29.1653, 0.3552, 0.3163

Protanomaly

29.3601, 0.3270, 0.3215

Deuteranomaly

28.9945, 0.3429, 0.3232

Tritanomaly

29.1960, 0.3541, 0.3149

Monochromacy



Original Color

29.1653, 0.3552, 0.3163

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9660, 0.3267, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1653, 0.3552, 0.3163 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(181, 135, 144)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 144)  
}
```

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(181, 135, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 144) }
```

Border

The CSS property to change the border of an element to Yxy 29.1653, 0.3552, 0.3163 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(181, 135, 144) }
```

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

```
.border{ border-color:rgb(181, 135, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 135, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 144);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1653, 0.3552, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 135, 144) }
```

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

```
.background{ background-color: rgb(181,  
135, 144) }
```

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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