

Converting Colors

$Yxy(29.4739, 0.3666, 0.3298)$

Have a look what the booklet for
Yxy(29.4739, 0.3666, 0.3298)
contains.

Yxy(29.4532, 0.3663, 0.3292)	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(29.4532, 0.3663, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	B78888
RGB	183, 136, 136
RGB Percent	72%, 53%, 53%
CMY	0.2824, 0.4666, 0.4667
CMYK	0.00, 0.26, 0.26, 0.28
HSL	0°, 25%, 63%
HSV	0°, 26%, 72%
XYZ	32.7725, 29.4532, 27.2433
YIQ	150.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

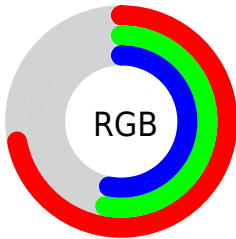
Format	Color
RYB	183, 136, 136
Decimal	12028040
CIELab	61.18, 17.94, 7.04
CIElCh	61, 19.274, 21.427
Yxy	29.4532, 0.3663, 0.3292
Android (android.graphics.Color)	4290218120 (0xFFB78888)
YUV	150.0530, -6.9281, 28.8945
Hunter-Lab	54.2708, 12.8169, 8.2267

Details

The Yxy color **29.4532, 0.3663, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.4980, 0.2756, 0.3288**, and the grayscale version is **30.5440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.0263, 0.3554, 0.3302**, and **11.9946, 0.3859, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **24.2586, 0.3967, 0.3293**, and if you desaturate by 10%, it is **35.6181, 0.3418, 0.3291**.

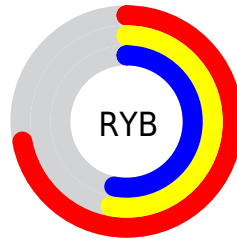
Distribution



Red (72%)

Green (53%)

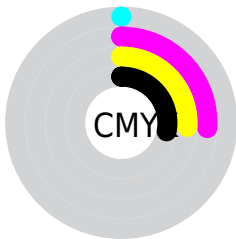
Blue (53%)



Red (72%)

Yellow (53%)

Blue (53%)

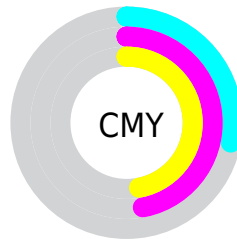


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4532, 0.3663, 0.3292 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 29.4532, 0.3663, 0.3292 by changing the saturation by 10% instead.

 29.4532, 0.3663,
0.3292


 29.4532, 0.3663,
0.3292


299.3473, 0.3372,
0.3296


 19.4239, 0.3744,
0.3289


 58.7964, 0.3551,
0.3295

 11.9770, 0.3854,
0.3284


 78.8790, 0.3511,
0.3295

 6.7280, 0.4010,
0.3274


 103.0816, 0.3478,
0.3296

 3.2926, 0.4250,
0.3252

131.7886, 0.3450,
0.3296

 1.2863, 0.4668,
0.3203

165.3842, 0.3427,
0.3296

 0.1306, 0.8115,
0.1885

204.2529, 0.3406,

 0.0000, 0.0000,

0.3296

0.0000

248.7792, 0.3388,
0.3296

■ 29.4532, 0.3663,
0.3292

■ 29.4532, 0.3663,
0.3292

■ 24.2586, 0.3967,
0.3293

■ 35.6181, 0.3418,
0.3291

■ 19.9811, 0.4336,
0.3294

■ 42.7947, 0.3221,
0.3290

■ 16.5687, 0.4767,
0.3296

■ 51.0272, 0.3064,
0.3290

■ 13.9624, 0.5239,
0.3297

■ 60.3559, 0.2937,
0.3289

■ 12.0960, 0.5702,
0.3299

■ 70.8189, 0.2835,
0.3289

■ 10.8927, 0.6085,
0.3299

■ 82.4525, 0.2752,
0.3288

■ 10.2565, 0.6324,
0.3300

■ 88.8052, 0.2716,
0.3289

■ 10.0679, 0.6400,
0.3300

Harmonies

Analogous

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



29.4532, 0.3420, 0.3045



29.4532, 0.3663, 0.3292



29.4532, 0.3754, 0.3551

Triad

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



29.4532, 0.3663, 0.3292



29.4532, 0.3125, 0.3778



29.4532, 0.2606, 0.2815

Complementary

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



29.4532, 0.3663, 0.3292



42.4980, 0.2756, 0.3288

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.



29.4532, 0.2538, 0.2982



29.4532, 0.3663, 0.3292



29.4532, 0.2828, 0.3551

Square

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



29.4532, 0.3663, 0.3292



29.4532, 0.3433, 0.3851



29.4532, 0.2617, 0.3251



29.4532, 0.2809, 0.2775

Rectangle

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



29.4532, 0.3663, 0.3292



29.4532, 0.3714, 0.3699



29.4532, 0.2617, 0.3251



29.4532, 0.2568, 0.2857

Sweetspot

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



29.4546, 0.3663, 0.3292



73.3435, 0.3265, 0.3291



31.0868, 0.3157, 0.2661



15.7606, 0.3293, 0.3291



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



29.4546, 0.3663, 0.3292



47.1351, 0.3832, 0.3293



36.8050, 0.3583, 0.3618



9.0132, 0.3288, 0.3291



7.0254, 0.6400, 0.3300



0.2480, 0.6398, 0.3302

Inverse Universe

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



42.4980, 0.2756, 0.3288



74.6033, 0.2682, 0.3288



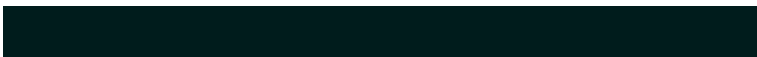
33.6136, 0.2725, 0.2938



10.2096, 0.2985, 0.3289



25.9762, 0.2246, 0.3285



0.9161, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 29.4532, 0.3663, 0.3292 looks on a white background.

Color Contrast Check

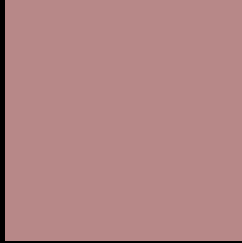
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4532, 0.3663, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

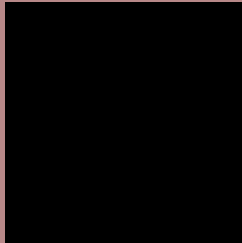
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4532, 0.3663, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 29.4532, 0.3663, 0.3292.



This preview shows how white text looks on a background with the Yxy color 29.4532, 0.3663, 0.3292.

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

29.4532, 0.3663, 0.3292

Protanopia

29.4958, 0.3228, 0.3369

Deuteranopia

29.6097, 0.3472, 0.3412



Tritanopia

29.5626, 0.3575, 0.3151

Trichromacy



Original Color

29.4532, 0.3663, 0.3292

Protanomaly

29.3249, 0.3375, 0.3336

Deuteranomaly

29.3897, 0.3548, 0.3365

Tritanomaly

29.4713, 0.3609, 0.3193

Monochromacy



Original Color

29.4532, 0.3663, 0.3292

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

29.9765, 0.3308, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4532, 0.3663, 0.3292 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(183, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(183, 136, 136)  
}
```

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(183, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 136, 136) }
```

Border

The CSS property to change the border of an element to Yxy 29.4532, 0.3663, 0.3292 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(183, 136, 136) }
```

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

```
.border{ border-color:rgb(183, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(183, 136,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4532, 0.3663, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 136, 136) }
```

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

```
.background{ background-color: rgb(183,  
136, 136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor