

Converting Colors

Yxy(31.1158, 0.3720, 0.2996)

Have a look what the booklet for
Yxy(31.1158, 0.3720, 0.2996)
contains.

Yxy(31.1025, 0.3721, 0.2995)	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(31.1025, 0.3721, 0.2995)

Conversions

Conversions Part 1	
Format	Color
Hex	CC8299
RGB	204, 130, 153
RGB Percent	80%, 51%, 60%
CMY	0.1999, 0.4903, 0.4000
CMYK	0.00, 0.36, 0.25, 0.20
HSL	341°, 42%, 65%
HSV	341°, 36%, 80%
XYZ	38.6419, 31.1025, 34.1037
YIQ	154.7480, 36.7210, 22.8410

Conversions

Conversions Part 2

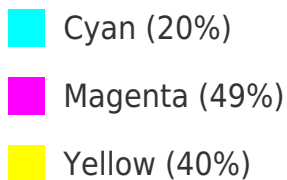
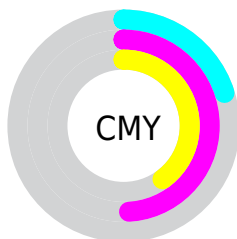
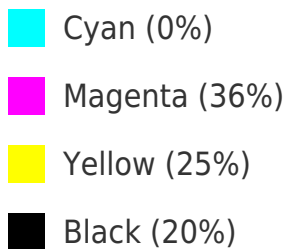
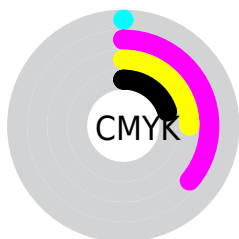
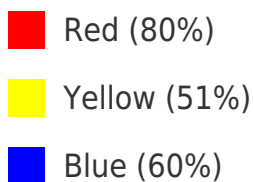
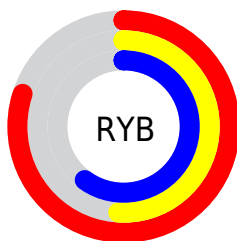
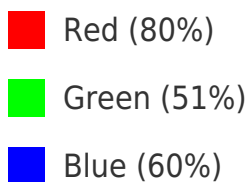
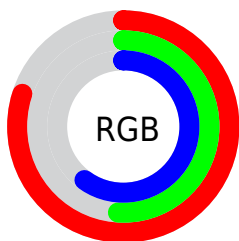
Format	Color
RYB	204, 130, 153
Decimal	13402777
CIELab	62.59, 31.64, -0.32
CIELCh	63, 31.639, 359.426
Yxy	31.1025, 0.3721, 0.2995
Android (android.graphics.Color)	4291592857 (0xFFCC8299)
YUV	154.7480, -0.8618, 43.1940
Hunter-Lab	55.7696, 26.0830, 2.7823

Details

The Yxy color **31.1025, 0.3721, 0.2995** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2855, 0.2757, 0.3612**, and the grayscale version is **32.6535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0460, 0.3542, 0.3054**, and **12.8472, 0.3922, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **25.7667, 0.3971, 0.2915**, and if you desaturate by 10%, it is **37.5721, 0.3513, 0.3079**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1025, 0.3721, 0.2995 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 31.1025, 0.3721, 0.2995 by changing the saturation by 10% instead.


 31.1025, 0.3721,
0.2995


 31.1025, 0.3721,
0.2995


307.0103, 0.3405,
0.3152


 20.6769, 0.3807,
0.2952


 61.4014, 0.3601,
0.3054

 12.8880, 0.3922,
0.2896

 82.0435, 0.3558,
0.3076

 7.3515, 0.4082,
0.2816


 106.8599, 0.3521,
0.3094

 3.6829, 0.4323,
0.2698

136.2350, 0.3491,
0.3109

 1.4978, 0.4720,
0.2502

170.5532, 0.3465,
0.3122

 0.2872, 0.6306,
0.1705


210.1989, 0.3442,


 0.0000, 0.0000,


0.3134


0.0000

255.5564, 0.3422,
0.3143


 31.1025, 0.3721,
0.2995


 31.1025, 0.3721,
0.2995


 25.7667, 0.3971,
0.2915

 37.5721, 0.3513,
0.3079

 21.4946, 0.4264,
0.2847

 45.2317, 0.3342,
0.3163


 18.2148, 0.4596,
0.2801


 54.1387, 0.3202,
0.3242


 15.8455, 0.4953,
0.2790


 64.3460, 0.3088,
0.3317


 14.2914, 0.5308,
0.2823

 75.9028, 0.2995,
0.3386

 13.4320, 0.5631,
0.2902

 88.8564, 0.2918,
0.3449

 13.2063, 0.5741,
0.2936

 91.3553, 0.2846,
0.3326

 91.5827, 0.2827,
0.3289

Harmonies

Analogous

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



31.1025, 0.3219, 0.2686



31.1025, 0.3721, 0.2995



31.1025, 0.4064, 0.3381

Triad

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



31.1025, 0.3721, 0.2995



31.1025, 0.3474, 0.4209



31.1025, 0.2215, 0.2697

Complementary

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



31.1025, 0.3721, 0.2995



51.2855, 0.2757, 0.3612

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.



31.1025, 0.2271, 0.3082



31.1025, 0.3721, 0.2995



31.1025, 0.2975, 0.4025

Square

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



31.1025, 0.3721, 0.2995



31.1025, 0.3901, 0.4092



31.1025, 0.2539, 0.3585



31.1025, 0.2375, 0.2506

Rectangle

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



31.1025, 0.3721, 0.2995



31.1025, 0.4139, 0.3649



31.1025, 0.2539, 0.3585



31.1025, 0.2209, 0.2805

Sweetspot

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



31.1040, 0.3721, 0.2995



82.2077, 0.3266, 0.3204



30.0968, 0.2936, 0.2335



17.1658, 0.3285, 0.3193



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.



31.1040, 0.3721, 0.2995



44.0461, 0.3925, 0.2928



34.2680, 0.3932, 0.3469



11.2701, 0.3242, 0.3218



8.3236, 0.5704, 0.2916



0.4431, 0.5139, 0.2605

Inverse Universe

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



31.1040, 0.3721, 0.2995



44.0461, 0.3925, 0.2928



46.1333, 0.2596, 0.3101



11.2701, 0.3242, 0.3218



8.3236, 0.5704, 0.2916



0.4431, 0.5139, 0.2605

Previews

White Background



This preview shows how the Yxy color 31.1025, 0.3721, 0.2995 looks on a white background.

Color Contrast Check

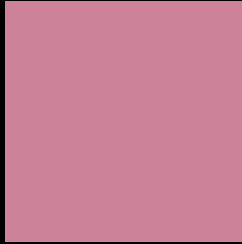
Large Text (above 18pt) WCAG AA × Fail

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 31.1025, 0.3721, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

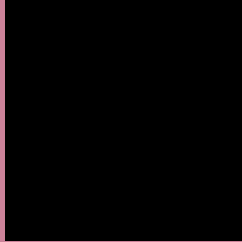
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1025, 0.3721, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 31.1025, 0.3721, 0.2995.



This preview shows how white text looks on a background with the Yxy color 31.1025, 0.3721, 0.2995.

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

31.1025, 0.3721, 0.2995

Protanopia

31.4291, 0.2999, 0.3078

Deuteranopia

31.2849, 0.3307, 0.3246



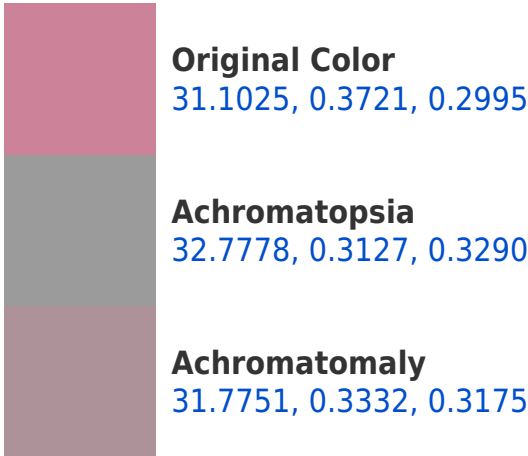
Tritanopia

31.1520, 0.3833, 0.3162

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1025, 0.3721, 0.2995 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(204, 130, 153) looks like.

```
.text, #text, p{  
    color:rgb(204, 130, 153)  
}
```

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(204, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 130, 153) }
```

Border

The CSS property to change the border of an element to Yxy 31.1025, 0.3721, 0.2995 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(204, 130, 153) }
```

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

```
.border{ border-color:rgb(204, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 130,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1025, 0.3721, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 130, 153) }
```

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

```
.background{ background-color: rgb(204,  
130, 153) }
```

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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