

Converting Colors

Yxy(44.4828, 0.3111, 0.2988)

Have a look what the booklet for
Yxy(44.4828, 0.3111, 0.2988)
contains.

Yxy(44.3178, 0.3107, 0.2976)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.3178, 0.3107, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	C0ABC4
RGB	192, 171, 196
RGB Percent	75%, 67%, 77%
CMY	0.2469, 0.3294, 0.2314
CMYK	0.02, 0.13, 0.00, 0.23
HSL	290°, 17%, 72%
HSV	290°, 13%, 77%
XYZ	46.2686, 44.3178, 58.3309
YIQ	180.1290, 4.4910, 12.2270

Conversions

Conversions Part 2

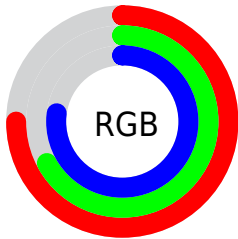
Format	Color
R _Y B	192, 171, 196
Decimal	12626884
CIE Lab	72.44, 12.12, -9.95
CIE LCh	72, 15.679, 320.609
Yxy	44.3178, 0.3107, 0.2976
Android (android.graphics.Color)	4290816964 (0xFFC0ABC4)
YUV	180.1290, 7.8244, 10.4109
Hunter-Lab	66.5716, 7.5608, -5.3505

Details

The Yxy color $44.3178, 0.3107, 0.2976$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $51.5222, 0.3143, 0.3618$, and the grayscale version is $45.6722, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4410, 0.3106, 0.3024$, and $20.5499, 0.3097, 0.2898$ is the 20% darker color. If you saturate the color by 10%, you get $37.0557, 0.3087, 0.2719$, and if you desaturate by 10%, it is $52.6900, 0.3123, 0.3224$.

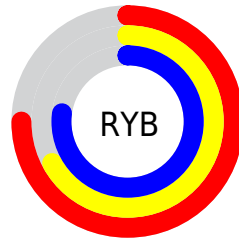
Distribution



Red (75%)

Green (67%)

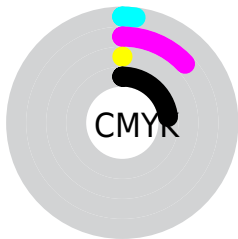
Blue (77%)



Red (75%)

Yellow (67%)

Blue (77%)

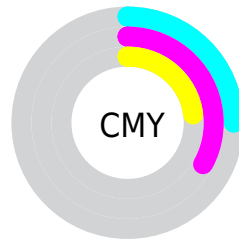


Cyan (2%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (25%)


Magenta (33%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3178, 0.3107, 0.2976 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 44.3178, 0.3107, 0.2976 by changing the saturation by 10% instead.


 44.3178, 0.3107,
0.2976

 44.3178, 0.3107,
0.2976

364.0036, 0.3119,
0.3131

 30.9204, 0.3104,
0.2938


 81.6957, 0.3112,
0.3032

 20.5383, 0.3099,
0.2890


106.4451, 0.3113,
0.3053

 12.7869, 0.3093,
0.2826


135.7472, 0.3115,
0.3071

 7.2820, 0.3083,
0.2738

169.9866, 0.3116,
0.3086

 3.6391, 0.3066,
0.2610

209.5475, 0.3117,
0.3099

 1.4738, 0.3034,
0.2406

254.8143, 0.3117,

 0.2702, 0.3048,

0.3111

0.1490

306.1716, 0.3118,
0.3122

■ 0.0000, 0.0000,
0.0000

■ 44.3178, 0.3107,
0.2976

■ 44.3178, 0.3107,
0.2976

■ 37.0557, 0.3087,
0.2719

■ 52.6900, 0.3123,
0.3224

■ 30.8499, 0.3062,
0.2460

■ 62.2118, 0.3136,
0.3459

■ 25.6503, 0.3033,
0.2207

■ 72.9278, 0.3146,
0.3677

■ 21.4010, 0.2999,
0.1971

■ 84.8784, 0.3152,
0.3879

■ 18.0402, 0.2962,
0.1760

■ 88.8492, 0.3168,
0.3931

■ 15.4988, 0.2923,
0.1585

■ 89.3022, 0.3187,
0.3927

■ 13.6977, 0.2881,
0.1453

■ 89.7640, 0.3207,
0.3923

■ 12.5418, 0.2840,
0.1365

■ 90.2348, 0.3227,
0.3919

■ 11.9787, 0.2810,
0.1322

■ 90.7145, 0.3247,
0.3915

Harmonies

Analogous

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



44.3178, 0.2896, 0.2918



44.3178, 0.3107, 0.2976



44.3178, 0.3331, 0.3110

Triad

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



44.3178, 0.3107, 0.2976



44.3178, 0.3514, 0.3624



44.3178, 0.2764, 0.3272

Complementary

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



44.3178, 0.3107, 0.2976



51.5222, 0.3143, 0.3618

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.



44.3178, 0.2920, 0.3479



44.3178, 0.3107, 0.2976



44.3178, 0.3353, 0.3685

Square

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



44.3178, 0.3107, 0.2976



44.3178, 0.3570, 0.3477



44.3178, 0.3135, 0.3634



44.3178, 0.2703, 0.3079

Rectangle

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



44.3178, 0.3107, 0.2976



44.3178, 0.3455, 0.3227



44.3178, 0.3135, 0.3634



44.3178, 0.2807, 0.3343

Sweetspot

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



44.3197, 0.3107, 0.2976



93.3588, 0.3121, 0.3192



43.3654, 0.2928, 0.3015



19.7235, 0.3120, 0.3173



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.



44.3197, 0.3107, 0.2976



76.8461, 0.3102, 0.2913



44.4745, 0.3212, 0.3081



10.1642, 0.3113, 0.3061



7.7291, 0.2816, 0.1325



0.3561, 0.2909, 0.1376

Inverse Universe

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



43.9518, 0.3322, 0.3240



76.0742, 0.3366, 0.3230



51.3989, 0.3052, 0.3509



10.1033, 0.3265, 0.3254



7.6129, 0.6156, 0.3165



0.3373, 0.5604, 0.2861

Previews

White Background



This preview shows how the Yxy color 44.3178, 0.3107, 0.2976 looks on a white background.

Color Contrast Check

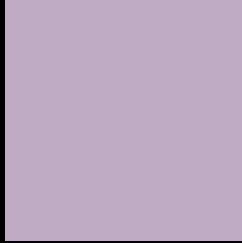
Large Text (above 18pt) WCAG AA × Fail

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 44.3178, 0.3107, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

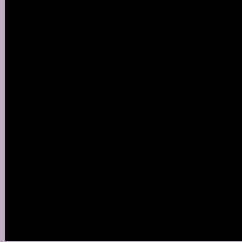
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3178, 0.3107, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 44.3178, 0.3107, 0.2976.



This preview shows how white text looks on a background with the Yxy color 44.3178, 0.3107, 0.2976.

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

44.3178, 0.3107, 0.2976

Protanopia

44.1729, 0.2930, 0.2990

Deuteranopia

44.4375, 0.3063, 0.2998



Tritanopia

44.5087, 0.3179, 0.3124

Trichromacy



Original Color

44.3178, 0.3107, 0.2976

Protanomaly

44.1731, 0.2996, 0.2981

Deuteranomaly

44.3094, 0.3080, 0.2986

Tritanomaly

44.2991, 0.3147, 0.3061

Monochromacy



Original Color

44.3178, 0.3107, 0.2976

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1798, 0.3115, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3178, 0.3107, 0.2976 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(192, 171, 196)` looks like.

```
.text, #text, p{  
    color:rgb(192, 171, 196)  
}
```

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(192, 171, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 171, 196) }
```

Border

The CSS property to change the border of an element to Yxy 44.3178, 0.3107, 0.2976 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(192, 171, 196) }
```

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

```
.border{ border-color:rgb(192, 171, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 171, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 171, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 171, 196);  
box-shadow:4px 4px 4px 4px rgb(192, 171,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3178, 0.3107, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 171, 196) }
```

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

```
.background{ background-color: rgb(192,  
171, 196) }
```

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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