

Converting Colors

$Y_{xy}(30.1977, 0.3045, 0.2898)$

Have a look what the booklet for
Yxy(30.1977, 0.3045, 0.2898)
contains.

Yxy(30.0208, 0.3043, 0.2893)	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(30.0208, 0.3043, 0.2893)

Conversions

Conversions Part 1

Format	Color
Hex	A08FAA
RGB	160, 143, 170
RGB Percent	63%, 56%, 67%
CMY	0.3725, 0.4392, 0.3332
CMYK	0.06, 0.16, 0.00, 0.33
HSL	278°, 14%, 61%
HSV	278°, 16%, 67%
XYZ	31.5774, 30.0208, 42.1723
YIQ	151.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

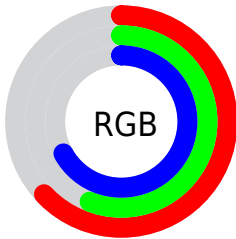
Format	Color
R_{YB}	160, 143, 170
Decimal	10522538
CIE _{Lab}	61.67, 11.50, -11.87
CIE _{LCh}	62, 16.529, 314.103
Yxy	30.0208, 0.3043, 0.2893
Android (android.graphics.Color)	4288712618 (0xFFA08FAA)
YUV	151.1610, 9.2876, 7.7518
Hunter-Lab	54.7912, 6.9887, -7.2811

Details

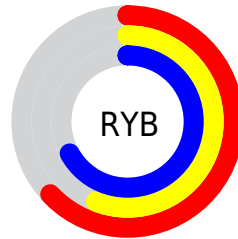
The Yxy color **30.0208, 0.3043, 0.2893** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **37.5164, 0.3199, 0.3696**, and the grayscale version is **30.9801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.8158, 0.3065, 0.2977**, and **12.3249, 0.3004, 0.2769** is the 20% darker color. If you saturate the color by 10%, you get **24.6647, 0.2978, 0.2624**, and if you desaturate by 10%, it is **36.1861, 0.3099, 0.3148**.

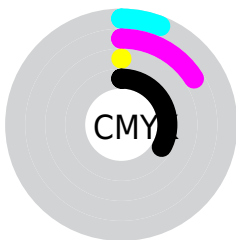
Distribution



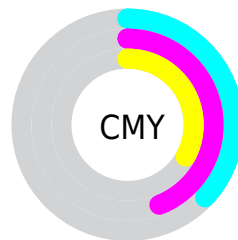
- Red (63%)
- Green (56%)
- Blue (67%)



- Red (63%)
- Yellow (56%)
- Blue (67%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (33%)





- Cyan (37%)
- Magenta (44%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0208, 0.3043, 0.2893 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 30.0208, 0.3043, 0.2893 by changing the saturation by 10% instead.


 30.0208, 0.3043,
0.2893


 30.0208, 0.3043,
0.2893


 302.0014, 0.3090,
0.3101

 19.8544, 0.3029,
0.2838


 59.6951, 0.3061,
0.2971


 12.2892, 0.3011,
0.2766


 79.9717, 0.3068,
0.2999


 6.9410, 0.2984,
0.2666


 104.3872, 0.3073,
0.3023

 3.4252, 0.2941,
0.2520

 133.3260, 0.3078,
0.3043

 1.3575, 0.2865,
0.2287

 167.1724, 0.3082,
0.3061

 0.1851, 0.2727,
0.1105

 206.3108, 0.3085,

 0.0000, 0.0000,

0.3076

0.0000

251.1257, 0.3088,
0.3089

■ 30.0208, 0.3043,
0.2893

■ 30.0208, 0.3043,
0.2893

■ 24.6647, 0.2978,
0.2624

■ 36.1861, 0.3099,
0.3148

■ 20.0788, 0.2903,
0.2348

■ 43.1898, 0.3145,
0.3385

■ 16.2265, 0.2820,
0.2072

■ 51.0643, 0.3184,
0.3603

■ 13.0668, 0.2728,
0.1807

■ 59.8391, 0.3216,
0.3802

■ 10.5542, 0.2631,
0.1565

■ 69.5422, 0.3242,
0.3982

■ 8.6380, 0.2532,
0.1358

■ 80.2006, 0.3263,
0.4144

■ 7.2595, 0.2433,
0.1196

■ 87.2805, 0.3290,
0.4226

■ 6.3415, 0.2340,
0.1082

■ 88.1905, 0.3331,
0.4214

■ 6.0271, 0.2302,
0.1042

■ 89.1370, 0.3373,
0.4201

Harmonies

Analogous

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



30.0208, 0.2804, 0.2846



30.0208, 0.3043, 0.2893



30.0208, 0.3315, 0.3034

Triad

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



30.0208, 0.3043, 0.2893



30.0208, 0.3618, 0.3657



30.0208, 0.2725, 0.3322

Complementary

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



30.0208, 0.3043, 0.2893



37.5164, 0.3199, 0.3696

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.



30.0208, 0.2930, 0.3567



30.0208, 0.3043, 0.2893



30.0208, 0.3447, 0.3760

Square

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



30.0208, 0.3043, 0.2893



30.0208, 0.3655, 0.3464



30.0208, 0.3193, 0.3731



30.0208, 0.2627, 0.3080

Rectangle

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



30.0208, 0.3043, 0.2893



30.0208, 0.3476, 0.3166



30.0208, 0.3193, 0.3731



30.0208, 0.2783, 0.3407

Sweetspot

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



30.0221, 0.3043, 0.2893



66.5988, 0.3103, 0.3168



31.6433, 0.2881, 0.3035



14.6691, 0.3099, 0.3151



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



30.0221, 0.3043, 0.2893



50.9398, 0.3022, 0.2802



30.9791, 0.3176, 0.2949



7.5255, 0.3081, 0.3063



4.4647, 0.2312, 0.1047



0.1363, 0.2617, 0.1215

Inverse Universe

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



30.4945, 0.3316, 0.3144



51.9819, 0.3365, 0.3111



36.6785, 0.3082, 0.3657



7.5866, 0.3230, 0.3207



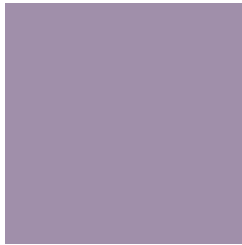
6.5610, 0.5452, 0.2777



0.1695, 0.4571, 0.2292

Previews

White Background



This preview shows how the Yxy color 30.0208, 0.3043, 0.2893 looks on a white background.

Color Contrast Check

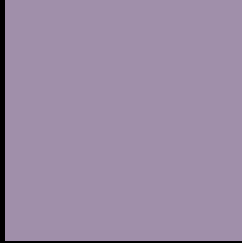
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0208, 0.3043, 0.2893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

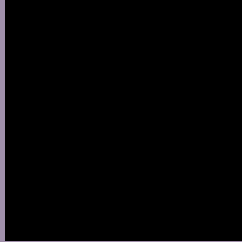
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0208, 0.3043, 0.2893

Background



This preview shows how black text looks on a background with the Yxy color 30.0208, 0.3043, 0.2893.



This preview shows how white text looks on a background with the Yxy color 30.0208, 0.3043, 0.2893.

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

30.0208, 0.3043, 0.2893

Protanopia

30.1262, 0.2862, 0.2909

Deuteranopia

30.0231, 0.2983, 0.2917



Tritanopia

29.9542, 0.3146, 0.3109

Trichromacy



Original Color

30.0208, 0.3043, 0.2893

Protanomaly

30.0204, 0.2926, 0.2899

Deuteranomaly

29.9167, 0.3003, 0.2904

Tritanomaly

29.9261, 0.3109, 0.3021

Monochromacy



Original Color

30.0208, 0.3043, 0.2893

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.5185, 0.3094, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0208, 0.3043, 0.2893 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(160, 143, 170)` looks like.

```
.text, #text, p{  
    color:rgb(160, 143, 170)  
}
```

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(160, 143, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 143, 170) }
```

Border

The CSS property to change the border of an element to Yxy 30.0208, 0.3043, 0.2893 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(160, 143, 170) }
```

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

```
.border{ border-color:rgb(160, 143, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 143, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 143, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 143, 170);  
box-shadow:4px 4px 4px 4px rgb(160, 143,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0208, 0.3043, 0.2893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 143, 170) }
```

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

```
.background{ background-color: rgb(160,  
143, 170) }
```

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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