

Converting Colors

$Yxy(30.6663, 0.2877, 0.2778)$

Have a look what the booklet for
Yxy(30.6663, 0.2877, 0.2778)
contains.

Yxy(30.6663, 0.2877, 0.2778)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.6663, 0.2877, 0.2778)

Conversions

Conversions Part 1

Format	Color
Hex	9992B5
RGB	153, 146, 181
RGB Percent	60%, 57%, 71%
CMY	0.3999, 0.4275, 0.2902
CMYK	0.15, 0.19, 0.00, 0.29
HSL	252°, 19%, 64%
HSV	252°, 19%, 71%
XYZ	31.7592, 30.6663, 47.9644
YIQ	152.0830, -7.0630, 12.3690

Conversions

Conversions Part 2

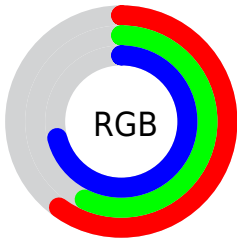
Format	Color
R_{YB}	153, 146, 181
Decimal	10064565
CIE _{Lab}	62.22, 9.78, -17.31
CIE _{LCh}	62, 19.881, 299.482
Yxy	30.6663, 0.2877, 0.2778
Android (android.graphics.Color)	4288254645 (0xFF9992B5)
YUV	152.0830, 14.2561, 0.8042
Hunter-Lab	55.3772, 5.4609, -12.5894

Details

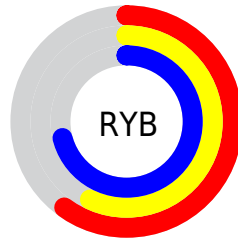
The Yxy color **30.6663, 0.2877, 0.2778** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.1226, 0.3349, 0.3773**, and the grayscale version is **31.3784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8329, 0.2931, 0.2878**, and **12.7490, 0.2797, 0.2630** is the 20% darker color. If you saturate the color by 10%, you get **24.1981, 0.2722, 0.2474**, and if you desaturate by 10%, it is **38.1913, 0.3015, 0.3056**.

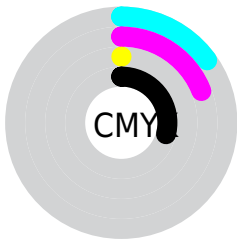
Distribution



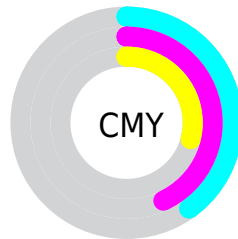
- Red (60%)
- Green (57%)
- Blue (71%)



- Red (60%)
- Yellow (57%)
- Blue (71%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (40%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.6663, 0.2877, 0.2778 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 30.6663, 0.2877, 0.2778 by changing the saturation by 10% instead.

■ 30.6663, 0.2877,
0.2778

■ 30.6663, 0.2877,
0.2778

■ 304.9980, 0.3012,
0.3044

■ 20.3449, 0.2840,
0.2708

■ 60.7143, 0.2929,
0.2877

■ 12.6460, 0.2790,
0.2617

■ 81.2097, 0.2947,
0.2913

■ 7.1852, 0.2720,
0.2493

■ 105.8652, 0.2963,
0.2944

■ 3.5782, 0.2615,
0.2314

■ 135.0652, 0.2976,
0.2970

■ 1.4405, 0.2441,
0.2036

■ 169.1940, 0.2987,
0.2992

■ 0.2463, 0.2062,
0.1074

■ 208.6362, 0.2996,

■ 0.0000, 0.0000,

0.3012

0.0000

253.7761, 0.3005,
0.3029

■ 30.6663, 0.2877,
0.2778

■ 30.6663, 0.2877,
0.2778

■ 24.1981, 0.2722,
0.2474

■ 38.1913, 0.3015,
0.3056

■ 18.7353, 0.2550,
0.2151

■ 46.8139, 0.3135,
0.3306

■ 14.2280, 0.2368,
0.1818

■ 56.5772, 0.3238,
0.3527

■ 10.6204, 0.2180,
0.1494

■ 67.5210, 0.3326,
0.3721

■ 7.8507, 0.2000,
0.1199

■ 79.6831, 0.3401,
0.3892

■ 5.8494, 0.1837,
0.0953

■ 93.0996, 0.3465,
0.4040

■ 4.5350, 0.1704,
0.0774

■ 95.9859, 0.3563,
0.4019

■ 3.7604, 0.1605,
0.0661

■ 96.1165, 0.3567,
0.4018

■ 3.7170, 0.1600,
0.0655

Harmonies

Analogous

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



30.6663, 0.2641, 0.2783



30.6663, 0.2877, 0.2778



30.6663, 0.3192, 0.2894

Triad

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



30.6663, 0.2877, 0.2778



30.6663, 0.3758, 0.3619



30.6663, 0.2754, 0.3476

Complementary

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



30.6663, 0.2877, 0.2778



44.1226, 0.3349, 0.3773

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.



30.6663, 0.3039, 0.3738



30.6663, 0.2877, 0.2778



30.6663, 0.3624, 0.3807

Square

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



30.6663, 0.2877, 0.2778



30.6663, 0.3715, 0.3363



30.6663, 0.3358, 0.3859



30.6663, 0.2572, 0.3170

Rectangle

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



30.6663, 0.2877, 0.2778



30.6663, 0.3406, 0.3026



30.6663, 0.3358, 0.3859



30.6663, 0.2840, 0.3574

Sweetspot

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



30.6676, 0.2877, 0.2778



73.1801, 0.3055, 0.3140



39.7211, 0.2836, 0.3188



15.6101, 0.3048, 0.3124



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.



30.6676, 0.2877, 0.2778



50.0141, 0.2816, 0.2658



32.4957, 0.3045, 0.2803



8.3095, 0.3015, 0.3057



2.5864, 0.1609, 0.0660



0.1054, 0.1875, 0.0807

Inverse Universe

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



33.4369, 0.3216, 0.2909



55.8662, 0.3238, 0.2827



42.2436, 0.3193, 0.3798



8.6169, 0.3167, 0.3110



8.1852, 0.3782, 0.1857



0.2650, 0.3595, 0.1754

Previews

White Background



This preview shows how the Yxy color 30.6663, 0.2877, 0.2778 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 30.6663, 0.2877, 0.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

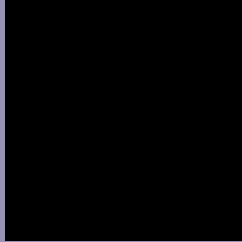
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6663, 0.2877, 0.2778

Background



This preview shows how black text looks on a background with the Yxy color 30.6663, 0.2877, 0.2778.



This preview shows how white text looks on a background with the Yxy color 30.6663, 0.2877, 0.2778.

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

30.6663, 0.2877, 0.2778

Protanopia

30.7534, 0.2771, 0.2783

Deuteranopia

30.6877, 0.2849, 0.2789



Tritanopia

30.5521, 0.3026, 0.3106

Trichromacy



Original Color

30.6663, 0.2877, 0.2778

Protanomaly

30.7603, 0.2814, 0.2787

Deuteranomaly

30.7829, 0.2859, 0.2790

Tritanomaly

30.5863, 0.2972, 0.2988

Monochromacy



Original Color

30.6663, 0.2877, 0.2778

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1324, 0.3027, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6663, 0.2877, 0.2778 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(153, 146, 181)` looks like.

```
.text, #text, p{  
    color:rgb(153, 146, 181)  
}
```

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(153, 146, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 146, 181) }
```

Border

The CSS property to change the border of an element to Yxy 30.6663, 0.2877, 0.2778 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(153, 146, 181) }
```

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

```
.border{ border-color:rgb(153, 146, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 146, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 146, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 146, 181);  
box-shadow:4px 4px 4px 4px rgb(153, 146,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6663, 0.2877, 0.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 146, 181) }
```

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

```
.background{ background-color: rgb(153,  
146, 181) }
```

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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