

Converting Colors

$Y_{xy}(26.5467, 0.3218, 0.2521)$

Have a look what the booklet for
Yxy(26.5467, 0.3218, 0.2521)
contains.

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Color

Yxy(26.5523, 0.3220, 0.2519)

Conversions

Conversions Part 1

Format	Color
Hex	B678B1
RGB	182, 120, 177
RGB Percent	71%, 47%, 69%
CMY	0.2863, 0.5294, 0.3060
CMYK	0.00, 0.34, 0.03, 0.29
HSL	305°, 30%, 59%
HSV	305°, 34%, 71%
XYZ	33.9414, 26.5523, 44.9144
YIQ	145.0360, 18.6550, 30.8710

Conversions

Conversions Part 2

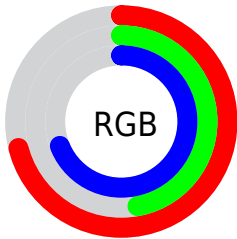
Format	Color
R_{YB}	182, 120, 177
Decimal	11958449
CIE _{Lab}	58.56, 33.36, -20.33
CIE _{LCh}	59, 39.071, 328.640
Yxy	26.5523, 0.3220, 0.2519
Android (android.graphics.Color)	4290148529 (0xFFB678B1)
YUV	145.0360, 15.7583, 32.4174
Hunter-Lab	51.5289, 27.3999, -15.6090

Details

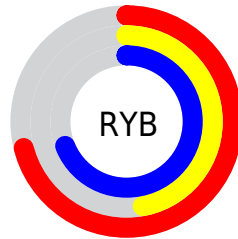
The Yxy color **26.5523, 0.3220, 0.2519** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.9325, 0.3045, 0.4206**, and the grayscale version is **28.2604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1211, 0.3207, 0.2660**, and **10.4247, 0.3240, 0.2293** is the 20% darker color. If you saturate the color by 10%, you get **22.5250, 0.3252, 0.2303**, and if you desaturate by 10%, it is **31.4147, 0.3190, 0.2746**.

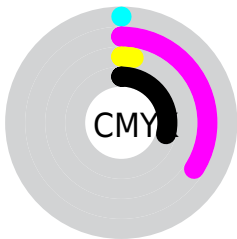
Distribution



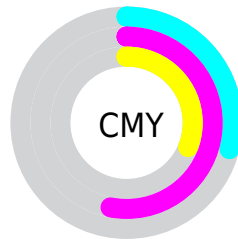
- Red (71%)
- Green (47%)
- Blue (69%)



- Red (71%)
- Yellow (47%)
- Blue (69%)



- Cyan (0%)
- Magenta (34%)
- Yellow (3%)
- Black (29%)





- Cyan (29%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5523, 0.3220, 0.2519 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 26.5523, 0.3220, 0.2519 by changing the saturation by 10% instead.


 26.5523, 0.3220,
0.2519


 26.5523, 0.3220,
0.2519


285.4829, 0.3180,
0.2915


 17.2373, 0.3228,
0.2418


 54.1646, 0.3207,
0.2665

 10.4038, 0.3236,
0.2286


 73.2307, 0.3202,
0.2719

 5.6675, 0.3243,
0.2110


 96.3159, 0.3197,
0.2764

 2.6440, 0.3245,
0.1862

123.8046, 0.3193,
0.2803

 0.9488, 0.3230,
0.1494

156.0813, 0.3189,
0.2837

 0.0000, 0.3418,
0.0000

193.5303, 0.3186,

 0.0000, 0.0000,

0.2866

0.0000

236.5360, 0.3182,
0.2892

■ 26.5523, 0.3220,
0.2519

■ 26.5523, 0.3220,
0.2519

■ 22.5250, 0.3252,
0.2303

■ 31.4147, 0.3190,
0.2746

■ 19.2819, 0.3285,
0.2106

■ 37.1521, 0.3162,
0.2975

■ 16.7721, 0.3318,
0.1939


■ 43.8063, 0.3137,
0.3201

■ 14.9375, 0.3351,
0.1809

■ 51.4151, 0.3114,
0.3417


■ 13.7109, 0.3381,
0.1720


■ 60.0146, 0.3094,
0.3621


 13.0113, 0.3408,
0.1674

 69.6386, 0.3077,
0.3812

 12.7437, 0.3424,
0.1660

 80.3196, 0.3062,
0.3987

 85.1305, 0.3052,
0.4046

 85.1950, 0.3044,
0.4028

Harmonies

Analogous

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



26.5523, 0.2596, 0.2304



26.5523, 0.3220, 0.2519



26.5523, 0.3883, 0.2896

Triad

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



26.5523, 0.3220, 0.2519



26.5523, 0.4122, 0.4299



26.5523, 0.2044, 0.3017

Complementary

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



26.5523, 0.3220, 0.2519



38.9325, 0.3045, 0.4206

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.



26.5523, 0.2378, 0.3690



26.5523, 0.3220, 0.2519



26.5523, 0.3571, 0.4498

Square

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



26.5523, 0.3220, 0.2519



26.5523, 0.4421, 0.3869



26.5523, 0.2931, 0.4285



26.5523, 0.1974, 0.2527

Rectangle

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



26.5523, 0.3220, 0.2519



26.5523, 0.4226, 0.3206



26.5523, 0.2931, 0.4285



26.5523, 0.2126, 0.3230

Sweetspot

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



26.5535, 0.3220, 0.2519



71.8491, 0.3152, 0.3064



21.1081, 0.2562, 0.2302



15.5054, 0.3155, 0.3032



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.



26.5535, 0.3220, 0.2519



42.4341, 0.3244, 0.2353



25.4830, 0.3570, 0.2910



9.1498, 0.3150, 0.3083



9.0038, 0.3421, 0.1658



0.3211, 0.3361, 0.1625

Inverse Universe

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



26.5535, 0.3220, 0.2519



42.4341, 0.3244, 0.2353



39.8220, 0.2831, 0.3708



9.1498, 0.3150, 0.3083



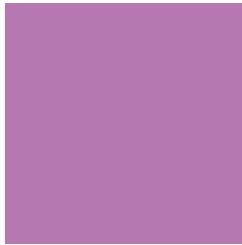
9.0038, 0.3421, 0.1658



0.3211, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 26.5523, 0.3220, 0.2519 looks on a white background.

Color Contrast Check

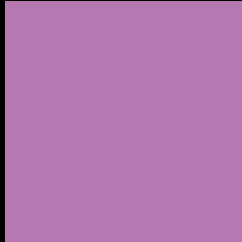
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5523, 0.3220, 0.2519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

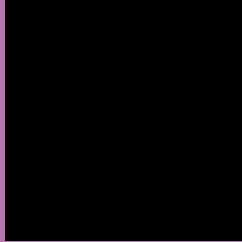
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5523, 0.3220, 0.2519

Background



This preview shows how black text looks on a background with the Yxy color 26.5523, 0.3220, 0.2519.



This preview shows how white text looks on a background with the Yxy color 26.5523, 0.3220, 0.2519.

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

26.5523, 0.3220, 0.2519

Protanopia

26.6624, 0.2548, 0.2494

Deuteranopia

26.7219, 0.2798, 0.2731



Tritanopia

26.6204, 0.3596, 0.3145

Trichromacy



Original Color

26.5523, 0.3220, 0.2519

Protanomaly

26.1587, 0.2756, 0.2489

Deuteranomaly

26.2963, 0.2944, 0.2636

Tritanomaly

26.5179, 0.3461, 0.2905

Monochromacy



Original Color

26.5523, 0.3220, 0.2519

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.3117, 0.3153, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5523, 0.3220, 0.2519 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(182, 120, 177)` looks like.

```
.text, #text, p{  
    color:rgb(182, 120, 177)  
}
```

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(182, 120, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 120, 177) }
```

Border

The CSS property to change the border of an element to Yxy 26.5523, 0.3220, 0.2519 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(182, 120, 177) }
```

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

```
.border{ border-color:rgb(182, 120, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 120, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 120, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 120, 177);  
box-shadow:4px 4px 4px 4px rgb(182, 120,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5523, 0.3220, 0.2519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 120, 177) }
```

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

```
.background{ background-color: rgb(182,  
120, 177) }
```

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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