

Converting Colors

$Y_{xy}(25.7268, 0.3261, 0.2504)$

Have a look what the booklet for
Yxy(25.7268, 0.3261, 0.2504)
contains.

Yxy(25.6532, 0.3256, 0.2493)	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(25.6532, 0.3256, 0.2493)

Conversions

Conversions Part 1

Format	Color
Hex	B774AF
RGB	183, 116, 175
RGB Percent	72%, 45%, 69%
CMY	0.2825, 0.5450, 0.3137
CMYK	0.00, 0.37, 0.04, 0.28
HSL	307°, 32%, 59%
HSV	307°, 37%, 72%
XYZ	33.5045, 25.6532, 43.7432
YIQ	142.7590, 20.9930, 32.5530

Conversions

Conversions Part 2

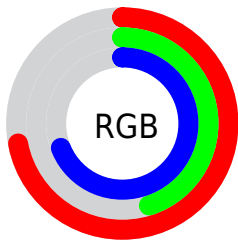
Format	Color
RYB	183, 116, 175
Decimal	12022959
CIELab	57.71, 35.50, -20.50
CIELCh	58, 40.995, 330.003
Yxy	25.6532, 0.3256, 0.2493
Android (android.graphics.Color)	4290213039 (0xFFB774AF)
YUV	142.7590, 15.8948, 35.2914
Hunter-Lab	50.6490, 29.4428, -15.7517

Details

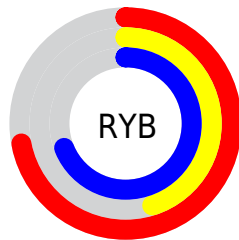
The Yxy color **25.6532, 0.3256, 0.2493** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.0203, 0.3021, 0.4245**, and the grayscale version is **27.2974, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6707, 0.3234, 0.2639**, and **9.9687, 0.3295, 0.2263** is the 20% darker color. If you saturate the color by 10%, you get **21.7577, 0.3299, 0.2287**, and if you desaturate by 10%, it is **30.3831, 0.3216, 0.2711**.

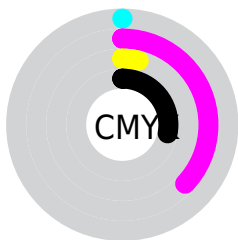
Distribution



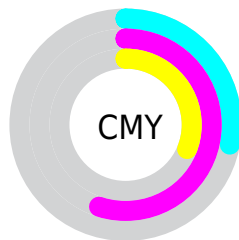
- Red (72%)
- Green (45%)
- Blue (69%)



- Red (72%)
- Yellow (45%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (4%)
- Black (28%)





- Cyan (28%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6532, 0.3256, 0.2493 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 25.6532, 0.3256, 0.2493 by changing the saturation by 10% instead.


 25.6532, 0.3256,
0.2493

 25.6532, 0.3256,
0.2493


281.0755, 0.3197,
0.2903


 16.5644, 0.3269,
0.2388


 52.7149, 0.3236,
0.2644

 9.9244, 0.3283,
0.2251


 71.4566, 0.3228,
0.2700

 5.3489, 0.3299,
0.2068


 94.1848, 0.3221,
0.2748

 2.4534, 0.3314,
0.1810

121.2837, 0.3215,
0.2788

 0.8531, 0.3317,
0.1426

153.1379, 0.3210,
0.2822

 0.0000, 0.3484,
0.0000

190.1316, 0.3205,

 0.0000, 0.0000,

0.2853

0.0000

232.6494, 0.3201,
0.2879

■ 25.6532, 0.3256,
0.2493

■ 25.6532, 0.3256,
0.2493

■ 21.7577, 0.3299,
0.2287

■ 30.3831, 0.3216,
0.2711

■ 18.6441, 0.3344,
0.2102

■ 35.9890, 0.3179,
0.2932

■ 16.2595, 0.3390,
0.1947


■ 42.5137, 0.3147,
0.3150


■ 14.5428, 0.3436,
0.1831


■ 49.9963, 0.3118,
0.3361

■ 13.4232, 0.3479,
0.1758


■ 58.4737, 0.3093,
0.3560

 12.8048, 0.3520,
0.1727

 67.9808, 0.3071,
0.3745

 12.6428, 0.3533,
0.1720

 78.5507, 0.3053,
0.3917

 85.4063, 0.3038,
0.4002

 85.5037, 0.3026,
0.3976

Harmonies

Analogous

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



25.6532, 0.2590, 0.2259



25.6532, 0.3256, 0.2493



25.6532, 0.3957, 0.2893

Triad

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



25.6532, 0.3256, 0.2493



25.6532, 0.4152, 0.4369



25.6532, 0.1976, 0.2966

Complementary

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



25.6532, 0.3256, 0.2493



39.0203, 0.3021, 0.4245

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.



25.6532, 0.2311, 0.3681



25.6532, 0.3256, 0.2493



25.6532, 0.3560, 0.4575

Square

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



25.6532, 0.3256, 0.2493



25.6532, 0.4489, 0.3915



25.6532, 0.2885, 0.4332



25.6532, 0.1917, 0.2464

Rectangle

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



25.6532, 0.3256, 0.2493



25.6532, 0.4313, 0.3219



25.6532, 0.2885, 0.4332



25.6532, 0.2057, 0.3189

Sweetspot

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



25.6543, 0.3256, 0.2493



70.5937, 0.3161, 0.3051



20.1868, 0.2544, 0.2225



15.2453, 0.3166, 0.3021



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.



25.6543, 0.3256, 0.2493



40.1739, 0.3291, 0.2324



24.5027, 0.3659, 0.2927



9.1439, 0.3155, 0.3091



8.8308, 0.3529, 0.1718



0.3165, 0.3436, 0.1666

Inverse Universe

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



25.6543, 0.3256, 0.2493



40.1739, 0.3291, 0.2324



40.0101, 0.2790, 0.3690



9.1439, 0.3155, 0.3091



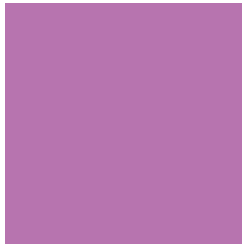
8.8308, 0.3529, 0.1718



0.3165, 0.3436, 0.1666

Previews

White Background



This preview shows how the Yxy color 25.6532, 0.3256, 0.2493 looks on a white background.

Color Contrast Check

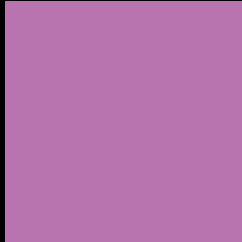
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6532, 0.3256, 0.2493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

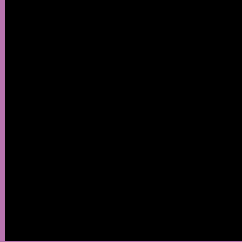
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6532, 0.3256, 0.2493

Background



This preview shows how black text looks on a background with the Yxy color 25.6532, 0.3256, 0.2493.



This preview shows how white text looks on a background with the Yxy color 25.6532, 0.3256, 0.2493.

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

25.6532, 0.3256, 0.2493

Protanopia

25.8639, 0.2519, 0.2457

Deuteranopia

25.7828, 0.2793, 0.2737



Tritanopia

25.6015, 0.3670, 0.3145

Trichromacy



Original Color

25.6532, 0.3256, 0.2493

Protanomaly

25.2230, 0.2752, 0.2454

Deuteranomaly

25.4514, 0.2952, 0.2642

Tritanomaly

25.5480, 0.3518, 0.2891

Monochromacy



Original Color

25.6532, 0.3256, 0.2493

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.4107, 0.3176, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6532, 0.3256, 0.2493 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(183, 116, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 116, 175)  
}
```

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(183, 116, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 116, 175) }
```

Border

The CSS property to change the border of an element to Yxy 25.6532, 0.3256, 0.2493 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(183, 116, 175) }
```

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

```
.border{ border-color:rgb(183, 116, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 116, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 116, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 116, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 116,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6532, 0.3256, 0.2493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 116, 175) }
```

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

```
.background{ background-color: rgb(183,  
116, 175) }
```

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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