

Converting Colors

$Y_{xy}(25.1032, 0.2993, 0.2497)$

Have a look what the booklet for
Yxy(25.1032, 0.2993, 0.2497)
contains.

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Color

Yxy(25.0617, 0.2988, 0.2495)

Conversions

Conversions Part 1

Format	Color
Hex	A27BB2
RGB	162, 123, 178
RGB Percent	64%, 48%, 70%
CMY	0.3648, 0.5176, 0.3020
CMYK	0.09, 0.31, 0.00, 0.30
HSL	283°, 26%, 59%
HSV	283°, 31%, 70%
XYZ	30.0138, 25.0617, 45.3722
YIQ	140.9310, 5.5890, 25.3730

Conversions

Conversions Part 2

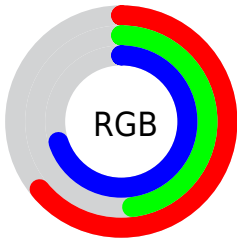
Format	Color
RYB	162, 123, 178
Decimal	10648498
CIELab	57.14, 25.25, -23.29
CIELCh	57, 34.347, 317.308
Yxy	25.0617, 0.2988, 0.2495
Android (android.graphics.Color)	4288838578 (0xFFA27BB2)
YUV	140.9310, 18.2750, 18.4775
Hunter-Lab	50.0617, 19.4093, -18.6930

Details

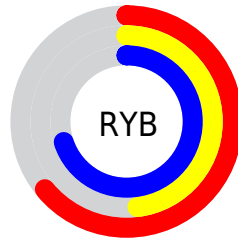
The Yxy color **25.0617, 0.2988, 0.2495** is a light color, and the websafe version is hex **996699**. A complement of this color would be **38.7624, 0.3223, 0.4143**, and the grayscale version is **26.5330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7429, 0.3018, 0.2647**, and **9.6932, 0.2934, 0.2260** is the 20% darker color. If you saturate the color by 10%, you get **20.5079, 0.2927, 0.2226**, and if you desaturate by 10%, it is **30.4430, 0.3041, 0.2763**.

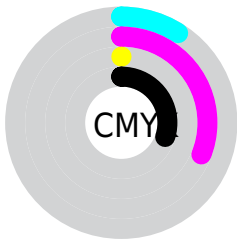
Distribution



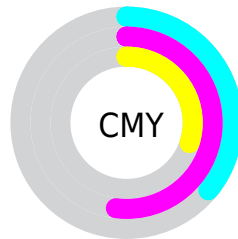
- Red (64%)
- Green (48%)
- Blue (70%)



- Red (64%)
- Yellow (48%)
- Blue (70%)



- Cyan (9%)
- Magenta (31%)
- Yellow (0%)
- Black (30%)





- Cyan (36%)
- Magenta (52%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0617, 0.2988, 0.2495 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 25.0617, 0.2988, 0.2495 by changing the saturation by 10% instead.


 25.0617, 0.2988,
0.2495


 25.0617, 0.2988,
0.2495


278.1451, 0.3072,
0.2908


 16.1230, 0.2961,
0.2388


 51.7573, 0.3023,
0.2648

 9.6113, 0.2924,
0.2248


 70.2830, 0.3034,
0.2705

 5.1420, 0.2867,
0.2058


 92.7732, 0.3044,
0.2752

 2.3308, 0.2773,
0.1790

119.6123, 0.3052,
0.2793

 0.7899, 0.2601,
0.1384

151.1846, 0.3058,
0.2828

 0.0000, 0.1927,
0.0000

187.8746, 0.3064,

 0.0000, 0.0000,

0.2858

0.0000

230.0666, 0.3068,
0.2884

■ 25.0617, 0.2988,
0.2495

■ 25.0617, 0.2988,
0.2495

■ 20.5079, 0.2927,
0.2226

■ 30.4430, 0.3041,
0.2763

■ 16.7346, 0.2860,
0.1965

■ 36.6890, 0.3086,
0.3023

■ 13.6950, 0.2786,
0.1724

■ 43.8388, 0.3124,
0.3269

■ 11.3355, 0.2709,
0.1514

■ 51.9278, 0.3155,
0.3498

■ 9.5957, 0.2630,
0.1345

■ 60.9896, 0.3181,
0.3709

■ 8.4035, 0.2553,
0.1222

■ 71.0562, 0.3201,
0.3902

■ 7.6579, 0.2485,
0.1142

■ 82.1580, 0.3217,
0.4076

■ 87.4982, 0.3242,
0.4138

■ 88.2413, 0.3275,
0.4129

Harmonies

Analogous

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



25.0617, 0.2476, 0.2367



25.0617, 0.2988, 0.2495



25.0617, 0.3592, 0.2791

Triad

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



25.0617, 0.2988, 0.2495



25.0617, 0.4162, 0.4079



25.0617, 0.2235, 0.3269

Complementary

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



25.0617, 0.2988, 0.2495



38.7624, 0.3223, 0.4143

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.



25.0617, 0.2626, 0.3871



25.0617, 0.2988, 0.2495



25.0617, 0.3740, 0.4344

Square

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



25.0617, 0.2988, 0.2495



25.0617, 0.4305, 0.3657



25.0617, 0.3176, 0.4292



25.0617, 0.2076, 0.2749

Rectangle

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



25.0617, 0.2988, 0.2495



25.0617, 0.3951, 0.3056



25.0617, 0.3176, 0.4292



25.0617, 0.2341, 0.3472

Sweetspot

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



25.0628, 0.2988, 0.2495



68.6624, 0.3093, 0.3067



26.0402, 0.2621, 0.2675



14.8187, 0.3087, 0.3030



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.



25.0628, 0.2988, 0.2495



39.7142, 0.2948, 0.2313



26.4250, 0.3281, 0.2675



8.5199, 0.3093, 0.3062



5.5130, 0.2493, 0.1147



0.2016, 0.2702, 0.1262

Inverse Universe

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



25.5004, 0.3611, 0.3058



40.7297, 0.3761, 0.3005



37.7729, 0.3004, 0.3996



8.5447, 0.3243, 0.3224



6.9587, 0.5756, 0.2945



0.2294, 0.4950, 0.2501

Previews

White Background



This preview shows how the Yxy color 25.0617, 0.2988, 0.2495 looks on a white background.

Color Contrast Check

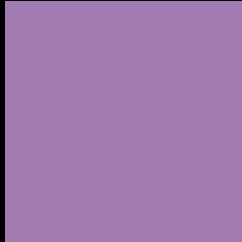
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0617, 0.2988, 0.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

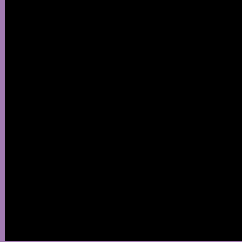
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0617, 0.2988, 0.2495

Background



This preview shows how black text looks on a background with the Yxy color 25.0617, 0.2988, 0.2495.



This preview shows how white text looks on a background with the Yxy color 25.0617, 0.2988, 0.2495.

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

25.0617, 0.2988, 0.2495

Protanopia

25.3338, 0.2537, 0.2492

Deuteranopia

25.2878, 0.2701, 0.2641



Tritanopia

24.9266, 0.3321, 0.3132

Trichromacy



Original Color

25.0617, 0.2988, 0.2495

Protanomaly

25.0117, 0.2686, 0.2480

Deuteranomaly

25.1577, 0.2794, 0.2583

Tritanomaly

24.7809, 0.3193, 0.2875

Monochromacy



Original Color

25.0617, 0.2988, 0.2495

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.7728, 0.3087, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0617, 0.2988, 0.2495 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(162, 123, 178)` looks like.

```
.text, #text, p{  
    color:rgb(162, 123, 178)  
}
```

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(162, 123, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 123, 178) }
```

Border

The CSS property to change the border of an element to Yxy 25.0617, 0.2988, 0.2495 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(162, 123, 178) }
```

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

```
.border{ border-color:rgb(162, 123, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 123, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 123, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 123, 178);  
box-shadow:4px 4px 4px 4px rgb(162, 123,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0617, 0.2988, 0.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 123, 178) }
```

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

```
.background{ background-color: rgb(162,  
123, 178) }
```

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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