

Converting Colors

$Y_{xy}(24.6055, 0.3099, 0.2676)$

Have a look what the booklet for
Yxy(24.6055, 0.3099, 0.2676)
contains.

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Color

Yxy(24.6055, 0.3099, 0.2676)

Conversions

Conversions Part 1

Format	Color
Hex	A07CA5
RGB	160, 124, 165
RGB Percent	63%, 49%, 65%
CMY	0.3726, 0.5137, 0.3529
CMYK	0.03, 0.25, 0.00, 0.35
HSL	293°, 19%, 57%
HSV	293°, 25%, 65%
XYZ	28.4949, 24.6055, 38.8484
YIQ	139.4380, 8.2950, 20.3830

Conversions

Conversions Part 2

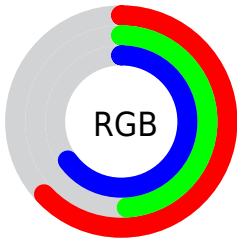
Format	Color
RYB	160, 124, 165
Decimal	10517669
CIELab	56.69, 21.33, -16.53
CIELCh	57, 26.980, 322.229
Yxy	24.6055, 0.3099, 0.2676
Android (android.graphics.Color)	4288707749 (0xFFA07CA5)
YUV	139.4380, 12.6021, 18.0329
Hunter-Lab	49.6039, 15.7323, -11.7115

Details

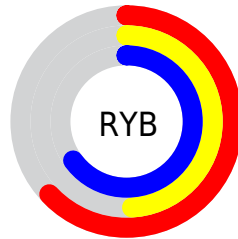
The Yxy color **24.6055, 0.3099, 0.2676** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.0381, 0.3141, 0.3968**, and the grayscale version is **25.9448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0587, 0.3108, 0.2801**, and **9.4126, 0.3081, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **20.6042, 0.3082, 0.2424**, and if you desaturate by 10%, it is **29.3044, 0.3113, 0.2928**.

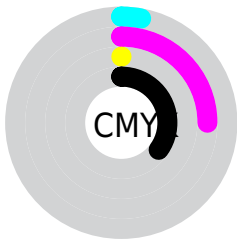
Distribution



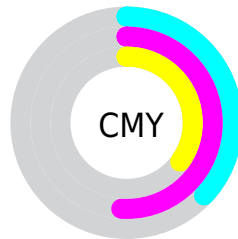
- Red (63%)
- Green (49%)
- Blue (65%)



- Red (63%)
- Yellow (49%)
- Blue (65%)



- Cyan (3%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)





- Cyan (37%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6055, 0.3099, 0.2676 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 24.6055, 0.3099, 0.2676 by changing the saturation by 10% instead.


 24.6055, 0.3099,
0.2676


 24.6055, 0.3099,
0.2676


275.8676, 0.3120,
0.3001


 15.7834, 0.3091,
0.2589


 51.0165, 0.3109,
0.2798

 9.3710, 0.3078,
0.2474


 69.3742, 0.3112,
0.2843

 4.9840, 0.3057,
0.2315


 91.6792, 0.3114,
0.2880

 2.2379, 0.3019,
0.2081

118.3159, 0.3116,
0.2912

 0.7405, 0.2941,
0.1694

149.6686, 0.3117,
0.2939

 0.0000, 0.1855,
0.0000

186.1219, 0.3118,

 0.0000, 0.0000,

0.2962

0.0000

228.0601, 0.3119,
0.2982

■ 24.6055, 0.3099,
0.2676

■ 24.6055, 0.3099,
0.2676

■ 20.6042, 0.3082,
0.2424

■ 29.3044, 0.3113,
0.2928

■ 17.2628, 0.3062,
0.2181

■ 34.7297, 0.3123,
0.3175

■ 14.5450, 0.3038,
0.1956

■ 40.9126, 0.3131,
0.3409

■ 12.4098, 0.3011,
0.1760

■ 47.8813, 0.3136,
0.3630

■ 10.8110, 0.2982,
0.1599

■ 55.6627, 0.3140,
0.3834

■ 9.6956, 0.2952,
0.1481

■ 64.2825, 0.3141,
0.4021

■ 8.9982, 0.2921,
0.1405

■ 73.7650, 0.3142,
0.4192

■ 8.7188, 0.2905,
0.1374

■ 83.4848, 0.3142,
0.4337

■ 83.7223, 0.3154,
0.4333

Harmonies

Analogous

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



24.6055, 0.2666, 0.2548



24.6055, 0.3099, 0.2676



24.6055, 0.3572, 0.2940

Triad

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



24.6055, 0.3099, 0.2676



24.6055, 0.3914, 0.3977



24.6055, 0.2376, 0.3207

Complementary

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



24.6055, 0.3099, 0.2676



33.0381, 0.3141, 0.3968

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.



24.6055, 0.2670, 0.3671



24.6055, 0.3099, 0.2676



24.6055, 0.3557, 0.4133

Square

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



24.6055, 0.3099, 0.2676



24.6055, 0.4060, 0.3661



24.6055, 0.3100, 0.4030



24.6055, 0.2274, 0.2815

Rectangle

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



24.6055, 0.3099, 0.2676



24.6055, 0.3836, 0.3167



24.6055, 0.3100, 0.4030



24.6055, 0.2454, 0.3362

Sweetspot

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



24.6066, 0.3099, 0.2676



59.8582, 0.3121, 0.3119



22.8285, 0.2720, 0.2697



12.9662, 0.3120, 0.3106



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.6066, 0.3099, 0.2676



39.8281, 0.3090, 0.2532



24.6187, 0.3323, 0.2898



7.1580, 0.3119, 0.3067



6.6097, 0.2908, 0.1376



0.1504, 0.3025, 0.1440

Inverse Universe

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



24.0033, 0.3573, 0.3213



38.5818, 0.3713, 0.3195



33.0642, 0.2972, 0.3718



7.0994, 0.3266, 0.3263



6.0946, 0.6216, 0.3198



0.1319, 0.5560, 0.2836

Previews

White Background



This preview shows how the Yxy color 24.6055, 0.3099, 0.2676 looks on a white background.

Color Contrast Check

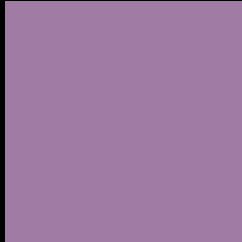
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6055, 0.3099, 0.2676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

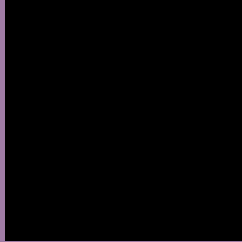
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.6055, 0.3099, 0.2676

Background



This preview shows how black text looks on a background with the Yxy color 24.6055, 0.3099, 0.2676.



This preview shows how white text looks on a background with the Yxy color 24.6055, 0.3099, 0.2676.

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

24.6055, 0.3099, 0.2676

Protanopia

24.8571, 0.2689, 0.2678

Deuteranopia

24.6536, 0.2862, 0.2805



Tritanopia

24.6325, 0.3334, 0.3132

Trichromacy



Original Color

24.6055, 0.3099, 0.2676

Protanomaly

24.6238, 0.2827, 0.2675

Deuteranomaly

24.6653, 0.2945, 0.2755

Tritanomaly

24.4850, 0.3247, 0.2962

Monochromacy



Original Color

24.6055, 0.3099, 0.2676

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3914, 0.3127, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6055, 0.3099, 0.2676 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, 124, 165)` looks like.

```
.text, #text, p{  
    color:rgb(160, 124, 165)  
}
```

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, 124, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 124, 165) }
```

Border

The CSS property to change the border of an element to Yxy 24.6055, 0.3099, 0.2676 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, 124, 165) }
```

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

```
.border{ border-color:rgb(160, 124, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 124, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 124, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 124, 165); box-shadow:4px 4px 4px 4px rgb(160, 124, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6055, 0.3099, 0.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 124, 165) }
```

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

```
.background{ background-color: rgb(160,  
124, 165) }
```

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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