

Converting Colors

Yxy(24.9484, 0.3159, 0.2740)

Have a look what the booklet for
Yxy(24.9484, 0.3159, 0.2740)
contains.

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Color

Yxy(24.9572, 0.3153, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	A27DA2
RGB	162, 125, 162
RGB Percent	64%, 49%, 64%
CMY	0.3648, 0.5097, 0.3648
CMYK	0.00, 0.23, 0.00, 0.36
HSL	300°, 17%, 56%
HSV	300°, 23%, 64%
XYZ	28.7505, 24.9572, 37.4768
YIQ	140.2810, 10.1750, 19.3510

Conversions

Conversions Part 2

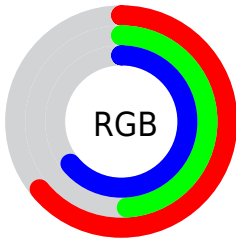
Format	Color
R _{YB}	162, 125, 162
Decimal	10648994
CIE _{Lab}	57.03, 20.84, -14.24
CIE _{LCh}	57, 25.240, 325.649
Yxy	24.9572, 0.3153, 0.2737
Android (android.graphics.Color)	4288839074 (0xFFA27DA2)
YUV	140.2810, 10.7075, 19.0476
Hunter-Lab	49.9572, 15.3021, -9.5081

Details

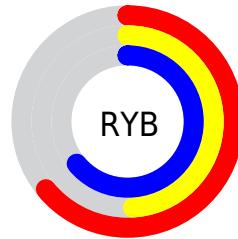
The Yxy color **24.9572, 0.3153, 0.2737** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.6783, 0.3098, 0.3913**, and the grayscale version is **26.2948, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6023, 0.3148, 0.2847**, and **9.6097, 0.3161, 0.2568** is the 20% darker color. If you saturate the color by 10%, you get **21.1850, 0.3164, 0.2495**, and if you desaturate by 10%, it is **29.4005, 0.3142, 0.2982**.

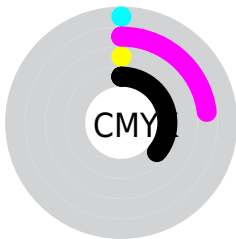
Distribution



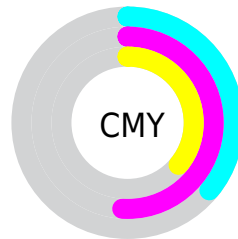
- Red (64%)
- Green (49%)
- Blue (64%)



- Red (64%)
- Yellow (49%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (36%)




- Cyan (36%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9572, 0.3153, 0.2737 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 24.9572, 0.3153, 0.2737 by changing the saturation by 10% instead.


 24.9572, 0.3153,
0.2737


 24.9572, 0.3153,
0.2737


277.6247, 0.3144,
0.3030


 16.0452, 0.3154,
0.2658


 51.5878, 0.3151,
0.2848

 9.5561, 0.3153,
0.2554


 70.0751, 0.3149,
0.2888

 5.1057, 0.3151,
0.2408


 92.5230, 0.3148,
0.2921

 2.3094, 0.3141,
0.2194

119.3159, 0.3147,
0.2950

 0.7787, 0.3112,
0.1839

150.8381, 0.3146,
0.2974

 0.0000, 0.2355,
0.0000

187.4740, 0.3145,

 0.0000, 0.0000,

0.2995

0.0000

229.6081, 0.3144,
0.3014

■ 24.9572, 0.3153,
0.2737

■ 24.9572, 0.3153,
0.2737

■ 21.1850, 0.3164,
0.2495

■ 29.4005, 0.3142,
0.2982

■ 18.0481, 0.3175,
0.2265

■ 34.5418, 0.3130,
0.3223

■ 15.5127, 0.3185,
0.2056

■ 40.4105, 0.3119,
0.3456

■ 13.5403, 0.3193,
0.1877

■ 47.0334, 0.3109,
0.3675

■ 12.0880, 0.3200,
0.1733

■ 54.4358, 0.3100,
0.3879

■ 11.1066, 0.3204,
0.1631

■ 62.6421, 0.3091,
0.4068

■ 10.5380, 0.3207,
0.1569

■ 71.6754, 0.3083,
0.4240

■ 10.2837, 0.3209,
0.1541

■ 81.5580, 0.3075,
0.4396

■ 81.8107, 0.3075,
0.4400

Harmonies

Analogous

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



24.9572, 0.2738, 0.2601



24.9572, 0.3153, 0.2737



24.9572, 0.3588, 0.2997

Triad

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



24.9572, 0.3153, 0.2737



24.9572, 0.3832, 0.3959



24.9572, 0.2404, 0.3168

Complementary

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



24.9572, 0.3153, 0.2737



31.6783, 0.3098, 0.3913

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.



24.9572, 0.2663, 0.3597



24.9572, 0.3153, 0.2737



24.9572, 0.3484, 0.4075

Square

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



24.9572, 0.3153, 0.2737



24.9572, 0.3993, 0.3679



24.9572, 0.3055, 0.3947



24.9572, 0.2330, 0.2816

Rectangle

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



24.9572, 0.3153, 0.2737



24.9572, 0.3821, 0.3216



24.9572, 0.3055, 0.3947



24.9572, 0.2471, 0.3309

Sweetspot

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



24.9583, 0.3153, 0.2737



58.5377, 0.3135, 0.3120



21.7972, 0.2751, 0.2678



13.0308, 0.3136, 0.3107



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.



24.9583, 0.3153, 0.2737



41.9569, 0.3158, 0.2623



24.3683, 0.3353, 0.2996



7.2021, 0.3138, 0.3068



8.1035, 0.3209, 0.1541



0.1703, 0.3209, 0.1541

Inverse Universe

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



23.8325, 0.3582, 0.3291



39.5736, 0.3707, 0.3292



32.1761, 0.2949, 0.3605



7.0860, 0.3285, 0.3290



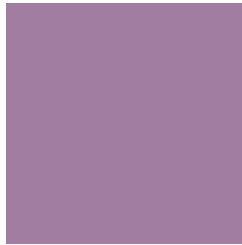
6.0517, 0.6400, 0.3300



0.1272, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 24.9572, 0.3153, 0.2737 looks on a white background.

Color Contrast Check

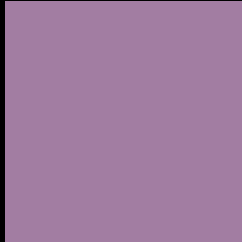
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9572, 0.3153, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

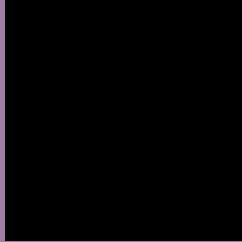
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9572, 0.3153, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 24.9572, 0.3153, 0.2737.



This preview shows how white text looks on a background with the Yxy color 24.9572, 0.3153, 0.2737.

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

24.9572, 0.3153, 0.2737

Protanopia

25.1400, 0.2742, 0.2756

Deuteranopia

25.0772, 0.2921, 0.2871



Tritanopia

24.9355, 0.3369, 0.3134

Trichromacy



Original Color

24.9572, 0.3153, 0.2737

Protanomaly

24.9184, 0.2885, 0.2752

Deuteranomaly

25.0089, 0.2996, 0.2818

Tritanomaly

25.0185, 0.3292, 0.2997

Monochromacy



Original Color

24.9572, 0.3153, 0.2737

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.7620, 0.3137, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9572, 0.3153, 0.2737 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, 125, 162)` looks like.

```
.text, #text, p{  
    color:rgb(162, 125, 162)  
}
```

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, 125, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 125, 162) }
```

Border

The CSS property to change the border of an element to Yxy 24.9572, 0.3153, 0.2737 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, 125, 162) }
```

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

```
.border{ border-color:rgb(162, 125, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 125, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 125, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 125, 162);  
box-shadow:4px 4px 4px 4px rgb(162, 125,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9572, 0.3153, 0.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 125, 162) }
```

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

```
.background{ background-color: rgb(162,  
125, 162) }
```

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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