

Converting Colors

$Y_{xy}(25.1234, 0.3214, 0.2757)$

Have a look what the booklet for
Yxy(25.1234, 0.3214, 0.2757)
contains.

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Color

Yxy(25.0604, 0.3221, 0.2757)

Conversions

Conversions Part 1

Format	Color
Hex	A67CA0
RGB	166, 124, 160
RGB Percent	65%, 49%, 63%
CMY	0.3491, 0.5137, 0.3725
CMYK	0.00, 0.25, 0.04, 0.35
HSL	309°, 19%, 57%
HSV	309°, 25%, 65%
XYZ	29.2780, 25.0604, 36.5589
YIQ	140.6620, 13.4760, 20.1000

Conversions

Conversions Part 2

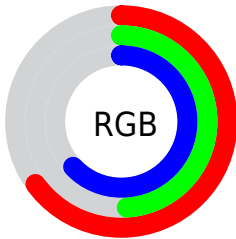
Format	Color
R _Y B	166, 124, 160
Decimal	10910880
CIE Lab	57.13, 22.45, -12.91
CIE LCh	57, 25.896, 330.084
Yxy	25.0604, 0.3221, 0.2757
Android (android.graphics.Color)	4289100960 (0xFFA67CA0)
YUV	140.6620, 9.5336, 22.2214
Hunter-Lab	50.0604, 16.7909, -8.2570

Details

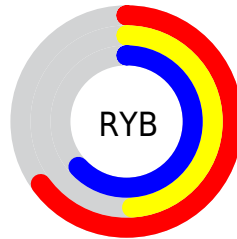
The Yxy color **25.0604, 0.3221, 0.2757** is a light color, and the websafe version is hex **996699**. A complement of this color would be **33.1654, 0.3046, 0.3889**, and the grayscale version is **26.4556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8802, 0.3206, 0.2863**, and **9.6256, 0.3246, 0.2597** is the 20% darker color. If you saturate the color by 10%, you get **21.1632, 0.3266, 0.2544**, and if you desaturate by 10%, it is **29.6616, 0.3180, 0.2972**.

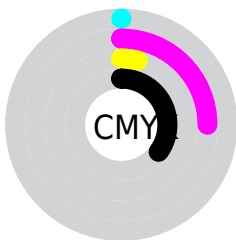
Distribution



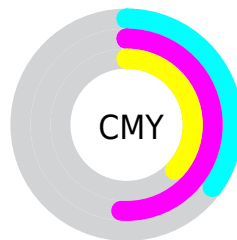
- Red (65%)
- Green (49%)
- Blue (63%)



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



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (35%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0604, 0.3221, 0.2757 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 25.0604, 0.3221, 0.2757 by changing the saturation by 10% instead.


 25.0604, 0.3221,
0.2757


 25.0604, 0.3221,
0.2757


278.1386, 0.3174,
0.3039


 16.1221, 0.3232,
0.2681


 51.7552, 0.3204,
0.2864

 9.6106, 0.3247,
0.2580


 70.2804, 0.3198,
0.2902

 5.1415, 0.3265,
0.2440


 92.7701, 0.3192,
0.2935

 2.3305, 0.3288,
0.2232

119.6086, 0.3188,
0.2962

 0.7898, 0.3317,
0.1890

151.1803, 0.3184,
0.2985

 0.0000, 0.3065,
0.0000

187.8696, 0.3180,

 0.0000, 0.0000,

0.3006

0.0000

230.0609, 0.3177,
0.3024

■ 25.0604, 0.3221,
0.2757

■ 25.0604, 0.3221,
0.2757

■ 21.1632, 0.3266,
0.2544

■ 29.6616, 0.3180,
0.2972

■ 17.9318, 0.3315,
0.2341

■ 34.9963, 0.3144,
0.3182

■ 15.3291, 0.3367,
0.2157

■ 41.0959, 0.3113,
0.3384

■ 13.3133, 0.3421,
0.2001

■ 47.9894, 0.3086,
0.3574

■ 11.8373, 0.3476,
0.1880

■ 55.7041, 0.3062,
0.3752

■ 10.8468, 0.3528,
0.1802

■ 64.2659, 0.3043,
0.3916

■ 10.2734, 0.3578,
0.1767

■ 73.6999, 0.3026,
0.4067

■ 10.0701, 0.3601,
0.1757

■ 82.8769, 0.3012,
0.4187

■ 82.9732, 0.2999,
0.4158

Harmonies

Analogous

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



25.0604, 0.2785, 0.2596



25.0604, 0.3221, 0.2757



25.0604, 0.3658, 0.3037

Triad

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



25.0604, 0.3221, 0.2757



25.0604, 0.3806, 0.4006



25.0604, 0.2364, 0.3103

Complementary

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



25.0604, 0.3221, 0.2757



33.1654, 0.3046, 0.3889

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.



25.0604, 0.2602, 0.3540



25.0604, 0.3221, 0.2757



25.0604, 0.3429, 0.4093

Square

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



25.0604, 0.3221, 0.2757



25.0604, 0.4005, 0.3736



25.0604, 0.2988, 0.3923



25.0604, 0.2317, 0.2764

Rectangle

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



25.0604, 0.3221, 0.2757



25.0604, 0.3879, 0.3266



25.0604, 0.2988, 0.3923



25.0604, 0.2423, 0.3244

Sweetspot

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



25.0615, 0.3221, 0.2757



60.6187, 0.3154, 0.3123



21.8844, 0.2760, 0.2599



13.2413, 0.3159, 0.3092



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



25.0615, 0.3221, 0.2757



41.6102, 0.3244, 0.2644



24.3987, 0.3459, 0.3055



7.6480, 0.3158, 0.3099



7.8152, 0.3597, 0.1755



0.1950, 0.3451, 0.1675

Inverse Universe

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



25.0615, 0.3221, 0.2757



41.6102, 0.3244, 0.2644



33.7755, 0.2881, 0.3538



7.6480, 0.3158, 0.3099



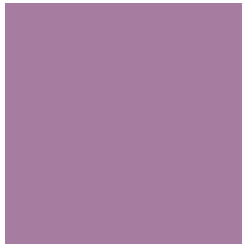
7.8152, 0.3597, 0.1755



0.1950, 0.3451, 0.1675

Previews

White Background



This preview shows how the Yxy color 25.0604, 0.3221, 0.2757 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 25.0604, 0.3221, 0.2757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

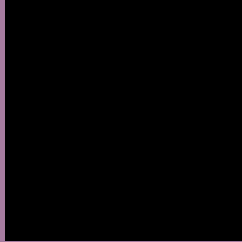
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0604, 0.3221, 0.2757

Background



This preview shows how black text looks on a background with the Yxy color 25.0604, 0.3221, 0.2757.



This preview shows how white text looks on a background with the Yxy color 25.0604, 0.3221, 0.2757.

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

25.0604, 0.3221, 0.2757

Protanopia

25.1813, 0.2761, 0.2772

Deuteranopia

25.1815, 0.2961, 0.2904



Tritanopia

25.0599, 0.3430, 0.3136

Trichromacy



Original Color

25.0604, 0.3221, 0.2757

Protanomaly

25.0588, 0.2915, 0.2770

Deuteranomaly

24.9525, 0.3048, 0.2836

Tritanomaly

25.1466, 0.3352, 0.3001

Monochromacy



Original Color

25.0604, 0.3221, 0.2757

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.9501, 0.3159, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0604, 0.3221, 0.2757 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(166, 124, 160)` looks like.

```
.text, #text, p{  
    color:rgb(166, 124, 160)  
}
```

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(166, 124, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 124, 160) }
```

Border

The CSS property to change the border of an element to Yxy 25.0604, 0.3221, 0.2757 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(166, 124, 160) }
```

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

```
.border{ border-color:rgb(166, 124, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 124, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 124, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 124, 160);  
box-shadow:4px 4px 4px 4px rgb(166, 124,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0604, 0.3221, 0.2757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 124, 160) }
```

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

```
.background{ background-color: rgb(166,  
124, 160) }
```

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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