

Converting Colors

$Y_{xy}(25.0835, 0.3474, 0.3228)$

Have a look what the booklet for
Yxy(25.0835, 0.3474, 0.3228)
contains.

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Color

Yxy(25.0754, 0.3474, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	A28185
RGB	162, 129, 133
RGB Percent	64%, 51%, 52%
CMY	0.3648, 0.4940, 0.4785
CMYK	0.00, 0.20, 0.18, 0.36
HSL	353°, 15%, 57%
HSV	353°, 20%, 64%
XYZ	26.9780, 25.0754, 25.6035
YIQ	139.3230, 18.3840, 8.2400

Conversions

Conversions Part 2

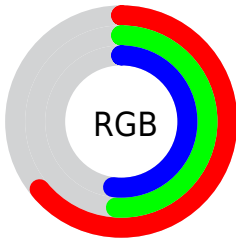
Format	Color
RYB	162, 129, 133
Decimal	10649989
CIELab	57.15, 13.30, 2.67
CIElCh	57, 13.564, 11.365
Yxy	25.0754, 0.3474, 0.3229
Android (android.graphics.Color)	4288840069 (0xFFA28185)
YUV	139.3230, -3.1172, 19.8877
Hunter-Lab	50.0753, 8.5347, 4.7378

Details

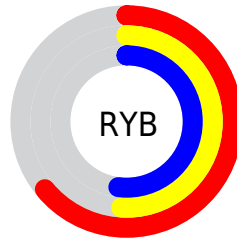
The Yxy color $25.0754, 0.3474, 0.3229$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $32.9653, 0.2862, 0.3352$, and the grayscale version is $25.9561, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7528, 0.3398, 0.3244$, and $9.6924, 0.3600, 0.3201$ is the 20% darker color. If you saturate the color by 10%, you get $20.7743, 0.3708, 0.3197$, and if you desaturate by 10%, it is $30.1086, 0.3285, 0.3260$.

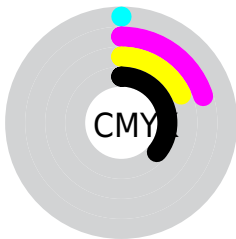
Distribution



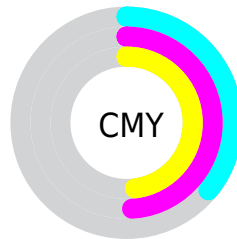
- Red (64%)
- Green (51%)
- Blue (52%)



- Red (64%)
- Yellow (51%)
- Blue (52%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (36%)





- Cyan (36%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0754, 0.3474, 0.3229 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 25.0754, 0.3474, 0.3229 by changing the saturation by 10% instead.


 25.0754, 0.3474,
0.3229


 25.0754, 0.3474,
0.3229


278.2132, 0.3282,
0.3264


 16.1332, 0.3529,
0.3218


 51.7795, 0.3399,
0.3243

 9.6185, 0.3606,
0.3203


 70.3103, 0.3373,
0.3248

 5.1467, 0.3718,
0.3180


 92.8060, 0.3351,
0.3252

 2.3336, 0.3898,
0.3140

119.6511, 0.3332,
0.3255

 0.7914, 0.4285,
0.3085

151.2300, 0.3317,
0.3258

 0.0000, 1.0000,
0.0000

187.9270, 0.3304,

 0.0000, 0.0000,

0.3260

0.0000

230.1267, 0.3292,
0.3262

■ 25.0754, 0.3474,
0.3229

■ 25.0754, 0.3474,
0.3229

■ 20.7743, 0.3708,
0.3197

■ 30.1086, 0.3285,
0.3260

■ 17.1679, 0.3994,
0.3166

■ 35.9021, 0.3132,
0.3289

■ 14.2207, 0.4337,
0.3139

■ 42.4869, 0.3008,
0.3316

■ 11.8928, 0.4734,
0.3120

■ 49.8913, 0.2908,
0.3340

■ 10.1398, 0.5166,
0.3115

■ 58.1420, 0.2826,
0.3362

■ 8.9115, 0.5596,
0.3131

■ 67.2647, 0.2759,
0.3382

■ 8.1491, 0.5968,
0.3168

■ 77.2839, 0.2703,
0.3401

■ 7.7264, 0.6235,
0.3209

■ 85.9103, 0.2651,
0.3378

■ 86.4176, 0.2614,
0.3288

Harmonies

Analogous

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



25.0754, 0.3270, 0.3052



25.0754, 0.3474, 0.3229



25.0754, 0.3583, 0.3427

Triad

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



25.0754, 0.3474, 0.3229



25.0754, 0.3208, 0.3680



25.0754, 0.2707, 0.2969

Complementary

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



25.0754, 0.3474, 0.3229



32.9653, 0.2862, 0.3352

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.



25.0754, 0.2692, 0.3126



25.0754, 0.3474, 0.3229



25.0754, 0.2976, 0.3547

Square

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



25.0754, 0.3474, 0.3229



25.0754, 0.3424, 0.3696



25.0754, 0.2789, 0.3339



25.0754, 0.2829, 0.2902

Rectangle

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



25.0754, 0.3474, 0.3229



25.0754, 0.3584, 0.3547



25.0754, 0.2789, 0.3339



25.0754, 0.2689, 0.3012

Sweetspot

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



25.0765, 0.3474, 0.3229



58.9620, 0.3216, 0.3273



25.5389, 0.3102, 0.2790



13.1003, 0.3226, 0.3271



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.



25.0765, 0.3474, 0.3229



42.1728, 0.3564, 0.3216



28.3423, 0.3485, 0.3478



7.0992, 0.3267, 0.3263



6.0937, 0.6220, 0.3200



0.1319, 0.5571, 0.2843

Inverse Universe

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



25.0765, 0.3474, 0.3229



42.1728, 0.3564, 0.3216



29.0520, 0.2818, 0.3094



7.0992, 0.3267, 0.3263



6.0937, 0.6220, 0.3200



0.1319, 0.5571, 0.2843

Previews

White Background



This preview shows how the Yxy color 25.0754, 0.3474, 0.3229 looks on a white background.

Color Contrast Check

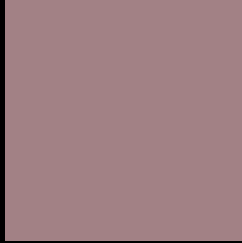
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0754, 0.3474, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

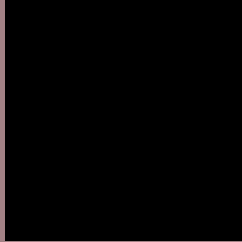
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0754, 0.3474, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 25.0754, 0.3474, 0.3229.

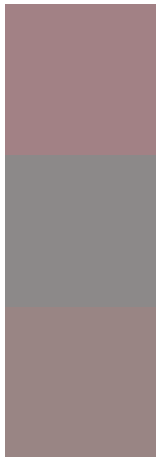


This preview shows how white text looks on a background with the Yxy color 25.0754, 0.3474, 0.3229.

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

25.0754, 0.3474, 0.3229

Protanopia

25.2729, 0.3160, 0.3290

Deuteranopia

25.2133, 0.3369, 0.3307



Tritanopia

25.0599, 0.3430, 0.3136

Trichromacy



Original Color

25.0754, 0.3474, 0.3229

Protanomaly

25.1237, 0.3265, 0.3258

Deuteranomaly

25.2364, 0.3407, 0.3291

Tritanomaly

25.0024, 0.3454, 0.3167

Monochromacy



Original Color

25.0754, 0.3474, 0.3229

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3371, 0.3242, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0754, 0.3474, 0.3229 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, 129, 133)` looks like.

```
.text, #text, p{  
    color:rgb(162, 129, 133)  
}
```

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, 129, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 129, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.0754, 0.3474, 0.3229 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, 129, 133) }
```

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

```
.border{ border-color:rgb(162, 129, 133) }
```

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

Here you see how a box with a 4 pixel rgb(162, 129, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 129, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 129, 133);  
box-shadow:4px 4px 4px 4px rgb(162, 129,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0754, 0.3474, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 129, 133) }
```

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

```
.background{ background-color: rgb(162,  
129, 133) }
```

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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