

Converting Colors

$Y_{xy}(22.3246, 0.3164, 0.2680)$

Have a look what the booklet for
Yxy(22.3246, 0.3164, 0.2680)
contains.

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Color

Yxy(22.3250, 0.3156, 0.2674)

Conversions

Conversions Part 1

Format	Color
Hex	9D759D
RGB	157, 117, 157
RGB Percent	62%, 46%, 62%
CMY	0.3844, 0.5411, 0.3843
CMYK	0.00, 0.25, 0.00, 0.38
HSL	300°, 17%, 54%
HSV	300°, 25%, 62%
XYZ	26.3492, 22.3250, 34.8150
YIQ	133.5200, 11.0000, 20.9200

Conversions

Conversions Part 2

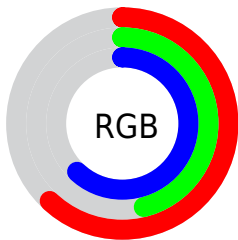
Format	Color
R_{YB}	157, 117, 157
Decimal	10319261
CIE _{Lab}	54.37, 22.70, -15.43
CIE _{LCh}	54, 27.452, 325.790
Yxy	22.3250, 0.3156, 0.2674
Android (android.graphics.Color)	4288509341 (0xFF9D759D)
YUV	133.5200, 11.5756, 20.5920
Hunter-Lab	47.2493, 16.8564, -10.6124

Details

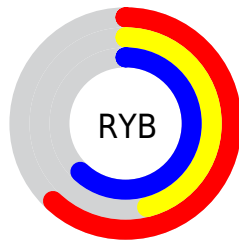
The Yxy color $22.3250, 0.3156, 0.2674$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $29.1790, 0.3094, 0.3994$, and the grayscale version is $23.6092, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.1264, 0.3151, 0.2790$, and $8.1781, 0.3148, 0.2453$ is the 20% darker color. If you saturate the color by 10%, you get $18.9687, 0.3167, 0.2435$, and if you desaturate by 10%, it is $26.2968, 0.3145, 0.2918$.

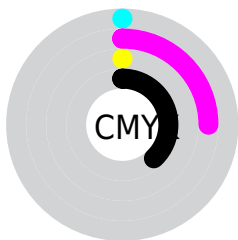
Distribution



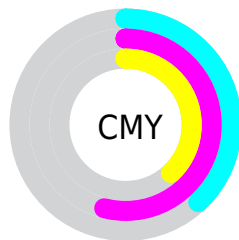
- Red (62%)
- Green (46%)
- Blue (62%)



- Red (62%)
- Yellow (46%)
- Blue (62%)



- Cyan (0%)
- Magenta (25%)
- Yellow (0%)
- Black (38%)





- Cyan (38%)
- Magenta (54%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3250, 0.3156, 0.2674 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 22.3250, 0.3156, 0.2674 by changing the saturation by 10% instead.


 22.3250, 0.3156,
0.2674


 22.3250, 0.3156,
0.2674


264.2388, 0.3146,
0.3004


 14.0959, 0.3156,
0.2584


 47.2826, 0.3154,
0.2800

 8.1874, 0.3155,
0.2463


 64.7798, 0.3152,
0.2845

 4.2151, 0.3150,
0.2294

 86.1353, 0.3151,
0.2883

 1.7946, 0.3135,
0.2041

111.7333, 0.3150,
0.2915

 0.4838, 0.3139,
0.1480

141.9582, 0.3149,
0.2942

 0.0000, 0.0000,
0.0000

177.1945, 0.3148,

0.2965

217.8266, 0.3147,
0.2986

■ 22.3250, 0.3156,
0.2674

■ 22.3250, 0.3156,
0.2674

■ 18.9687, 0.3167,
0.2435

■ 26.2968, 0.3145,
0.2918

■ 16.1943, 0.3178,
0.2210

■ 30.9097, 0.3133,
0.3161

■ 13.9697, 0.3187,
0.2008

■ 36.1912, 0.3122,
0.3395

■ 12.2584, 0.3195,
0.1838

■ 42.1666, 0.3112,
0.3618

■ 11.0193, 0.3201,
0.1705

■ 48.8597, 0.3102,
0.3826

■ 10.2052, 0.3206,
0.1612

■ 56.2931, 0.3093,
0.4018

■ 9.7540, 0.3208,
0.1560

■ 64.4887, 0.3085,
0.4194

■ 9.5994, 0.3209,
0.1541

■ 73.4673, 0.3077,
0.4354

■ 81.1227, 0.3072,
0.4470

Harmonies

Analogous

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



22.3250, 0.2691, 0.2521



22.3250, 0.3156, 0.2674



22.3250, 0.3649, 0.2962

Triad

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



22.3250, 0.3156, 0.2674



22.3250, 0.3917, 0.4040



22.3250, 0.2316, 0.3145

Complementary

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



22.3250, 0.3156, 0.2674



29.1790, 0.3094, 0.3994

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.



22.3250, 0.2601, 0.3635



22.3250, 0.3156, 0.2674



22.3250, 0.3522, 0.4180

Square

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



22.3250, 0.3156, 0.2674



22.3250, 0.4104, 0.3720



22.3250, 0.3039, 0.4038



22.3250, 0.2236, 0.2752

Rectangle

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



22.3250, 0.3156, 0.2674



22.3250, 0.3912, 0.3204



22.3250, 0.3039, 0.4038



22.3250, 0.2390, 0.3305

Sweetspot

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



22.3260, 0.3156, 0.2674



53.0266, 0.3136, 0.3096



19.0977, 0.2703, 0.2598



11.4037, 0.3138, 0.3062



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



22.3260, 0.3156, 0.2674



36.1749, 0.3163, 0.2526



21.7178, 0.3385, 0.2961



6.7546, 0.3137, 0.3070



7.7973, 0.3209, 0.1541



0.1394, 0.3209, 0.1541

Inverse Universe

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



21.1771, 0.3649, 0.3291



33.7326, 0.3824, 0.3292



29.6812, 0.2930, 0.3645



6.6462, 0.3284, 0.3290



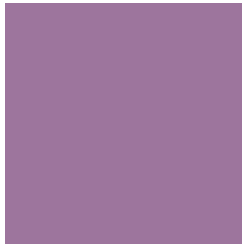
5.8218, 0.6401, 0.3300



0.1041, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 22.3250, 0.3156, 0.2674 looks on a white background.

Color Contrast Check

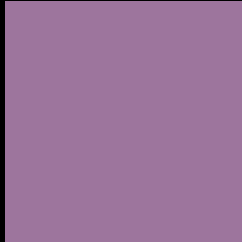
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3250, 0.3156, 0.2674 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 22.3250, 0.3156, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 22.3250, 0.3156, 0.2674.



This preview shows how white text looks on a background with the Yxy color 22.3250, 0.3156, 0.2674.

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

22.3250, 0.3156, 0.2674

Protanopia

22.4821, 0.2690, 0.2684

Deuteranopia

22.3706, 0.2881, 0.2819



Tritanopia

22.3301, 0.3406, 0.3144

Trichromacy



Original Color

22.3250, 0.3156, 0.2674

Protanomaly

22.3442, 0.2844, 0.2683

Deuteranomaly

22.1417, 0.2969, 0.2750

Tritanomaly

22.1964, 0.3314, 0.2969

Monochromacy



Original Color

22.3250, 0.3156, 0.2674

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.1421, 0.3138, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3250, 0.3156, 0.2674 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(157, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 117, 157)  
}
```

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(157, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 117, 157) }
```

Border

The CSS property to change the border of an element to Yxy 22.3250, 0.3156, 0.2674 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(157, 117, 157) }
```

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

```
.border{ border-color:rgb(157, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 117,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3250, 0.3156, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 117, 157) }
```

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

```
.background{ background-color: rgb(157,  
117, 157) }
```

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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