

Converting Colors

$Y_{xy}(22.3448, 0.3307, 0.3164)$

Have a look what the booklet for
Yxy(22.3448, 0.3307, 0.3164)
contains.

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Color

Yxy(22.1922, 0.3304, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	927C84
RGB	146, 124, 132
RGB Percent	57%, 49%, 52%
CMY	0.4273, 0.5138, 0.4823
CMYK	0.00, 0.15, 0.10, 0.43
HSL	338°, 9%, 53%
HSV	338°, 15%, 57%
XYZ	23.2329, 22.1922, 24.8924
YIQ	131.4900, 10.5440, 7.1520

Conversions

Conversions Part 2

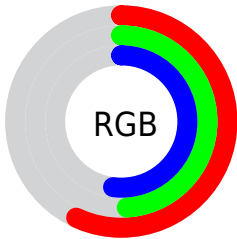
Format	Color
R_{YB}	146, 124, 132
Decimal	9600132
CIE _{Lab}	54.23, 9.91, -1.21
CIE _{LCh}	54, 9.982, 353.064
Yxy	22.1922, 0.3304, 0.3156
Android (android.graphics.Color)	4287790212 (0xFF927C84)
YUV	131.4900, 0.2514, 12.7253
Hunter-Lab	47.1086, 5.5921, 1.6469

Details

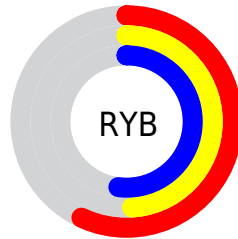
The Yxy color $22.1922, 0.3304, 0.3156$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.6912, 0.2978, 0.3428$, and the grayscale version is $22.8797, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.2264, 0.3264, 0.3191$, and $8.0896, 0.3362, 0.3091$ is the 20% darker color. If you saturate the color by 10%, you get $18.5570, 0.3453, 0.3062$, and if you desaturate by 10%, it is $26.3941, 0.3181, 0.3246$.

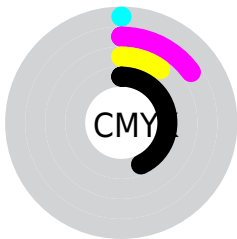
Distribution



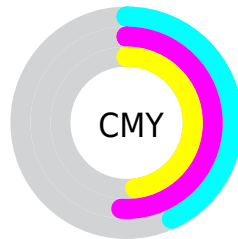
- Red (57%)
- Green (49%)
- Blue (52%)



- Red (57%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (15%)
- Yellow (10%)
- Black (43%)





- Cyan (43%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1922, 0.3304, 0.3156 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 22.1922, 0.3304, 0.3156 by changing the saturation by 10% instead.


 22.1922, 0.3304,
0.3156

 22.1922, 0.3304,
0.3156


263.5483, 0.3205,
0.3231


 13.9982, 0.3333,
0.3134


 47.0635, 0.3265,
0.3185

 8.1194, 0.3374,
0.3104


 64.5095, 0.3251,
0.3196

 4.1715, 0.3434,
0.3059

 85.8083, 0.3240,
0.3204

 1.7699, 0.3535,
0.2985

111.3444, 0.3231,
0.3211

 0.4683, 0.3927,
0.2677

141.5020, 0.3223,
0.3217

 0.0000, 0.0000,
0.0000

176.6656, 0.3216,

0.3222

217.2196, 0.3210,
0.3227

■ 22.1922, 0.3304,
0.3156

■ 22.1922, 0.3304,
0.3156

■ 18.5570, 0.3453,
0.3062

■ 26.3941, 0.3181,
0.3246

■ 15.4614, 0.3633,
0.2966

■ 31.1827, 0.3080,
0.3331

■ 12.8800, 0.3847,
0.2873

■ 36.5805, 0.2997,
0.3409

■ 10.7847, 0.4098,
0.2789

■ 42.6080, 0.2929,
0.3481

■ 9.1443, 0.4383,
0.2726

■ 49.2847, 0.2872,
0.3546

■ 7.9242, 0.4695,
0.2693

■ 56.6293, 0.2825,
0.3606

■ 7.0845, 0.5018,
0.2702

■ 64.6597, 0.2786,
0.3661

■ 6.5725, 0.5328,
0.2758

■ 73.3933, 0.2753,
0.3711

■ 6.3733, 0.5477,
0.2791

■ 82.5741, 0.2725,
0.3753

Harmonies

Analogous

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



22.1922, 0.3127, 0.3043



22.1922, 0.3304, 0.3156



22.1922, 0.3435, 0.3304

Triad

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



22.1922, 0.3304, 0.3156



22.1922, 0.3296, 0.3606



22.1922, 0.2785, 0.3112

Complementary

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



22.1922, 0.3304, 0.3156



26.6912, 0.2978, 0.3428

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.



22.1922, 0.2828, 0.3263



22.1922, 0.3304, 0.3156



22.1922, 0.3120, 0.3556

Square

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



22.1922, 0.3304, 0.3156



22.1922, 0.3430, 0.3565



22.1922, 0.2949, 0.3428



22.1922, 0.2831, 0.3014

Rectangle

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



22.1922, 0.3304, 0.3156



22.1922, 0.3477, 0.3406



22.1922, 0.2949, 0.3428



22.1922, 0.2790, 0.3158

Sweetspot

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



22.1932, 0.3304, 0.3156



46.5333, 0.3181, 0.3246



21.8881, 0.3050, 0.2919



10.2423, 0.3188, 0.3241



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.1932, 0.3304, 0.3156



36.9281, 0.3349, 0.3126



22.7300, 0.3392, 0.3340



5.8482, 0.3229, 0.3210



5.6088, 0.5464, 0.2784



0.0740, 0.4418, 0.2208

Inverse Universe

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



22.1932, 0.3304, 0.3156



36.9281, 0.3349, 0.3126



26.0368, 0.2904, 0.3239



5.8482, 0.3229, 0.3210



5.6088, 0.5464, 0.2784



0.0740, 0.4418, 0.2208

Previews

White Background



This preview shows how the Yxy color 22.1922, 0.3304, 0.3156 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 22.1922, 0.3304, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

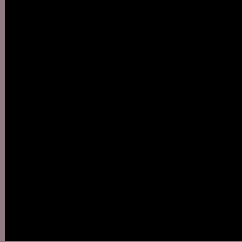
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1922, 0.3304, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 22.1922, 0.3304, 0.3156.



This preview shows how white text looks on a background with the Yxy color 22.1922, 0.3304, 0.3156.

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

22.1922, 0.3304, 0.3156

Protanopia

22.2751, 0.3086, 0.3185

Deuteranopia

22.2504, 0.3240, 0.3188



Tritanopia

22.2198, 0.3292, 0.3140

Trichromacy



Original Color

22.1922, 0.3304, 0.3156

Protanomaly

22.1342, 0.3156, 0.3169

Deuteranomaly

22.1728, 0.3265, 0.3172

Tritanomaly

22.2198, 0.3292, 0.3140

Monochromacy



Original Color

22.1922, 0.3304, 0.3156

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.3113, 0.3188, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1922, 0.3304, 0.3156 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(146, 124, 132)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 132)  
}
```

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(146, 124, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 132) }
```

Border

The CSS property to change the border of an element to Yxy 22.1922, 0.3304, 0.3156 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(146, 124, 132) }
```

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

```
.border{ border-color:rgb(146, 124, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 124, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 124, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 124, 132); box-shadow:4px 4px 4px 4px rgb(146, 124, 132) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1922, 0.3304, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 132) }
```

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

```
.background{ background-color: rgb(146,  
124, 132) }
```

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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