

Converting Colors

$Y_{xy}(22.6615, 0.3317, 0.2970)$

Have a look what the booklet for
Yxy(22.6615, 0.3317, 0.2970)
contains.

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Color

Yxy(22.6658, 0.3325, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	9C798D
RGB	156, 121, 141
RGB Percent	61%, 47%, 55%
CMY	0.3882, 0.5255, 0.4470
CMYK	0.00, 0.22, 0.10, 0.39
HSL	326°, 15%, 54%
HSV	326°, 22%, 61%
XYZ	25.3579, 22.6658, 28.2407
YIQ	133.7450, 14.4400, 13.6400

Conversions

Conversions Part 2

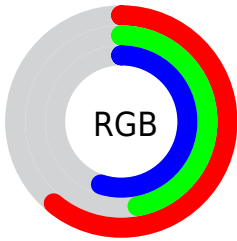
Format	Color
R _Y B	156, 121, 141
Decimal	10254733
CIE Lab	54.73, 17.03, -5.60
CIE LCh	55, 17.924, 341.780
Yxy	22.6658, 0.3325, 0.2972
Android (android.graphics.Color)	4288444813 (0xFF9C798D)
YUV	133.7450, 3.5767, 19.5176
Hunter-Lab	47.6086, 11.7600, -1.8439

Details

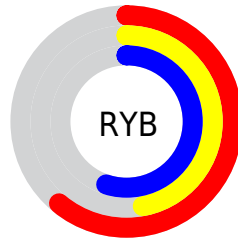
The Yxy color $22.6658, 0.3325, 0.2972$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $29.6244, 0.2969, 0.3631$, and the grayscale version is $23.7254, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.0611, 0.3280, 0.3040$, and $8.3331, 0.3392, 0.2851$ is the 20% darker color. If you saturate the color by 10%, you get $18.9836, 0.3440, 0.2824$, and if you desaturate by 10%, it is $26.9753, 0.3227, 0.3118$.

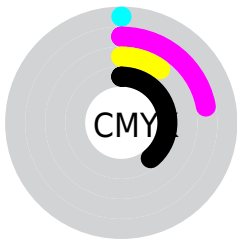
Distribution



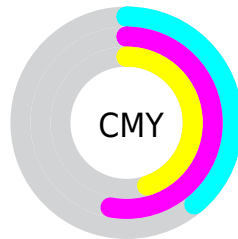
- Red (61%)
- Green (47%)
- Blue (55%)



- Red (61%)
- Yellow (47%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (39%)





- Cyan (39%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.6658, 0.3325, 0.2972 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 22.6658, 0.3325, 0.2972 by changing the saturation by 10% instead.


 22.6658, 0.3325,
0.2972

 22.6658, 0.3325,
0.2972


266.0038, 0.3216,
0.3146


 14.3469, 0.3356,
0.2923


 47.8440, 0.3283,
0.3039

 8.3624, 0.3399,
0.2855


 65.4721, 0.3268,
0.3063

 4.3277, 0.3461,
0.2758

 86.9721, 0.3255,
0.3083

 1.8585, 0.3559,
0.2605

112.7283, 0.3245,
0.3100

 0.5232, 0.3813,
0.2180

143.1252, 0.3236,
0.3114

 0.0000, 0.0000,
0.0000

178.5472, 0.3229,

0.3126

219.3786, 0.3222,
0.3137

■ 22.6658, 0.3325,
0.2972

■ 22.6658, 0.3325,
0.2972

■ 18.9836, 0.3440,
0.2824

■ 26.9753, 0.3227,
0.3118

■ 15.8960, 0.3575,
0.2678

■ 31.9367, 0.3145,
0.3257

■ 13.3720, 0.3730,
0.2541


■ 37.5770, 0.3077,
0.3388

■ 11.3764, 0.3903,
0.2425


■ 43.9209, 0.3019,
0.3511


■ 9.8702, 0.4091,
0.2339


■ 50.9915, 0.2972,
0.3624

 8.8087, 0.4288,
0.2295


 58.8112, 0.2932,
0.3728

 8.1391, 0.4486,
0.2300

 67.4014, 0.2900,
0.3823

 7.7933, 0.4635,
0.2327

 76.7823, 0.2872,
0.3910

 82.8150, 0.2845,
0.3924

Harmonies

Analogous

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



22.6658, 0.3001, 0.2814



22.6658, 0.3325, 0.2972



22.6658, 0.3606, 0.3207

Triad

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



22.6658, 0.3325, 0.2972



22.6658, 0.3526, 0.3846



22.6658, 0.2539, 0.3056

Complementary

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



22.6658, 0.3325, 0.2972



29.6244, 0.2969, 0.3631

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.



22.6658, 0.2665, 0.3350



22.6658, 0.3325, 0.2972



22.6658, 0.3228, 0.3829

Square

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



22.6658, 0.3325, 0.2972



22.6658, 0.3722, 0.3707



22.6658, 0.2914, 0.3642



22.6658, 0.2561, 0.2849

Rectangle

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



22.6658, 0.3325, 0.2972



22.6658, 0.3723, 0.3384



22.6658, 0.2914, 0.3642



22.6658, 0.2565, 0.3148

Sweetspot

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



22.6668, 0.3325, 0.2972



53.6148, 0.3182, 0.3193



21.2747, 0.2918, 0.2708



11.6931, 0.3186, 0.3185



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.



22.6668, 0.3325, 0.2972



37.6184, 0.3381, 0.2897



22.1966, 0.3534, 0.3244



6.7065, 0.3199, 0.3163



6.4250, 0.4622, 0.2320



0.1233, 0.3936, 0.1942

Inverse Universe

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



22.6668, 0.3325, 0.2972



37.6184, 0.3381, 0.2897



30.1498, 0.2827, 0.3338



6.7065, 0.3199, 0.3163



6.4250, 0.4622, 0.2320



0.1233, 0.3936, 0.1942

Previews

White Background



This preview shows how the Yxy color 22.6658, 0.3325, 0.2972 looks on a white background.

Color Contrast Check

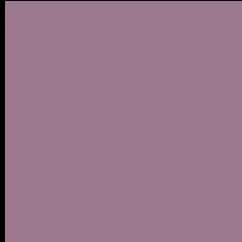
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6658, 0.3325, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

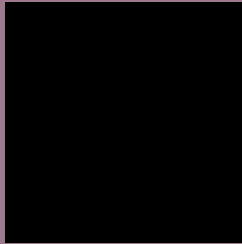
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6658, 0.3325, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 22.6658, 0.3325, 0.2972.



This preview shows how white text looks on a background with the Yxy color 22.6658, 0.3325, 0.2972.

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

22.6658, 0.3325, 0.2972

Protanopia

22.7390, 0.2940, 0.2998

Deuteranopia

22.6476, 0.3137, 0.3071



Tritanopia

22.8004, 0.3416, 0.3145

Trichromacy



Original Color

22.6658, 0.3325, 0.2972

Protanomaly

22.7120, 0.3072, 0.2988

Deuteranomaly

22.6717, 0.3210, 0.3042

Tritanomaly

22.6369, 0.3382, 0.3081

Monochromacy



Original Color

22.6658, 0.3325, 0.2972

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2574, 0.3192, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6658, 0.3325, 0.2972 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(156, 121, 141)` looks like.

```
.text, #text, p{  
    color:rgb(156, 121, 141)  
}
```

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(156, 121, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 121, 141) }
```

Border

The CSS property to change the border of an element to Yxy 22.6658, 0.3325, 0.2972 is called "border". The border property can be set on classes, ids or directly on the HTML element.

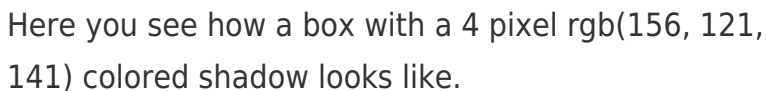
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 121, 141) }
```

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

```
.border{ border-color:rgb(156, 121, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 121, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 121, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 121, 141); box-shadow:4px 4px 4px 4px rgb(156, 121, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6658, 0.3325, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 121, 141) }
```

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

```
.background{ background-color: rgb(156,  
121, 141) }
```

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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