

Converting Colors

$Y_{xy}(22.6594, 0.3686, 0.3116)$

Have a look what the booklet for
Yxy(22.6594, 0.3686, 0.3116)
contains.

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Color

Yxy(22.5953, 0.3676, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	AA7480
RGB	170, 116, 128
RGB Percent	67%, 45%, 50%
CMY	0.3332, 0.5451, 0.4980
CMYK	0.00, 0.32, 0.25, 0.33
HSL	347°, 24%, 56%
HSV	347°, 32%, 67%
XYZ	26.7247, 22.5953, 23.3805
YIQ	133.5140, 28.3320, 15.1800

Conversions

Conversions Part 2

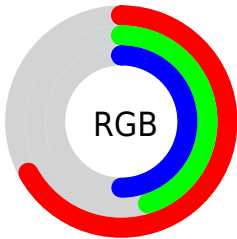
Format	Color
R_{YB}	170, 116, 128
Decimal	11170944
CIE _{Lab}	54.65, 23.02, 2.05
CIE _{LCh}	55, 23.115, 5.091
Yxy	22.5953, 0.3676, 0.3108
Android (android.graphics.Color)	4289361024 (0xFFAA7480)
YUV	133.5140, -2.7184, 31.9982
Hunter-Lab	47.5345, 17.1702, 4.1116

Details

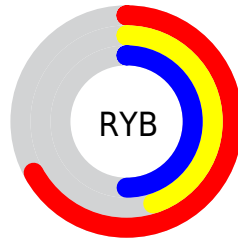
The Yxy color **22.5953, 0.3676, 0.3108** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.9412, 0.2766, 0.3483**, and the grayscale version is **23.6561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8809, 0.3548, 0.3152**, and **8.3607, 0.3902, 0.3034** is the 20% darker color. If you saturate the color by 10%, you get **18.7034, 0.3934, 0.3050**, and if you desaturate by 10%, it is **27.2521, 0.3463, 0.3168**.

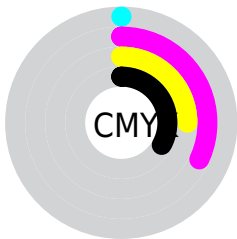
Distribution



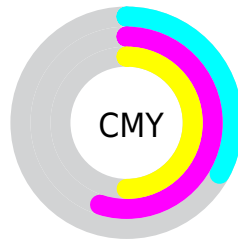
- Red (67%)
- Green (45%)
- Blue (50%)



- Red (67%)
- Yellow (45%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (25%)
- Black (33%)





- Cyan (33%)
- Magenta (55%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5953, 0.3676, 0.3108 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 22.5953, 0.3676, 0.3108 by changing the saturation by 10% instead.


 22.5953, 0.3676,
0.3108


 22.5953, 0.3676,
0.3108


265.6395, 0.3368,
0.3212

 14.2950, 0.3767,
0.3077


 47.7279, 0.3554,
0.3150

 8.3261, 0.3893,
0.3032


 65.3291, 0.3512,
0.3164

 4.3043, 0.4082,
0.2965

 86.7992, 0.3477,
0.3176

 1.8452, 0.4390,
0.2852

112.5228, 0.3448,
0.3185

 0.5151, 0.5342,
0.2573

142.8842, 0.3423,
0.3194

 0.0000, 0.0000,
0.0000

178.2679, 0.3402,

0.3201

219.0582, 0.3384,
0.3207

■ 22.5953, 0.3676,
0.3108

■ 22.5953, 0.3676,
0.3108

■ 18.7034, 0.3934,
0.3050

■ 27.2521, 0.3463,
0.3168

■ 15.5323, 0.4242,
0.2998

■ 32.7084, 0.3290,
0.3226

■ 13.0381, 0.4597,
0.2960


■ 39.0006, 0.3149,
0.3281


■ 11.1713, 0.4987,
0.2945


■ 46.1620, 0.3035,
0.3331


■ 9.8749, 0.5384,
0.2963

■ 54.2239, 0.2942,
0.3378


 9.0819, 0.5746,
0.3019

 63.2161, 0.2865,
0.3420

 8.6882, 0.5999,
0.3078

 73.1672, 0.2803,
0.3459

 84.1044, 0.2751,
0.3494

 86.7836, 0.2690,
0.3377

Harmonies

Analogous

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



22.5953, 0.3286, 0.2831



22.5953, 0.3676, 0.3108



22.5953, 0.3915, 0.3438

Triad

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



22.5953, 0.3676, 0.3108



22.5953, 0.3342, 0.4020



22.5953, 0.2385, 0.2766

Complementary

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



22.5953, 0.3676, 0.3108



34.9412, 0.2766, 0.3483

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.



22.5953, 0.2398, 0.3058



22.5953, 0.3676, 0.3108



22.5953, 0.2934, 0.3823

Square

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



22.5953, 0.3676, 0.3108



22.5953, 0.3708, 0.3981



22.5953, 0.2593, 0.3454



22.5953, 0.2552, 0.2632

Rectangle

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



22.5953, 0.3676, 0.3108



22.5953, 0.3948, 0.3656



22.5953, 0.2593, 0.3454



22.5953, 0.2369, 0.2847

Sweetspot

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



22.5964, 0.3676, 0.3108



61.0481, 0.3266, 0.3235



22.6019, 0.3019, 0.2482



13.2856, 0.3286, 0.3227



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



22.5964, 0.3676, 0.3108



35.9640, 0.3849, 0.3067



25.8817, 0.3768, 0.3512



7.5686, 0.3252, 0.3240



6.3959, 0.5973, 0.3064



0.1629, 0.5110, 0.2588

Inverse Universe

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



22.5964, 0.3676, 0.3108



35.9640, 0.3849, 0.3067



30.2646, 0.2654, 0.3056



7.5686, 0.3252, 0.3240



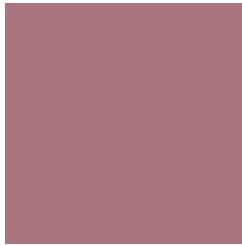
6.3959, 0.5973, 0.3064



0.1629, 0.5110, 0.2588

Previews

White Background



This preview shows how the Yxy color 22.5953, 0.3676, 0.3108 looks on a white background.

Color Contrast Check

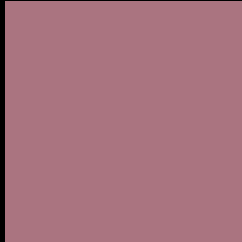
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5953, 0.3676, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

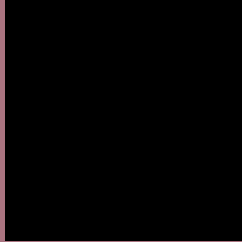
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5953, 0.3676, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 22.5953, 0.3676, 0.3108.



This preview shows how white text looks on a background with the Yxy color 22.5953, 0.3676, 0.3108.

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

22.5953, 0.3676, 0.3108

Protanopia

22.6484, 0.3086, 0.3186

Deuteranopia

22.7961, 0.3368, 0.3308



Tritanopia

22.5175, 0.3715, 0.3154

Trichromacy



Original Color

22.5953, 0.3676, 0.3108

Protanomaly

22.4717, 0.3290, 0.3157

Deuteranomaly

22.6668, 0.3477, 0.3226

Tritanomaly

22.5432, 0.3702, 0.3139

Monochromacy



Original Color

22.5953, 0.3676, 0.3108

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.0477, 0.3310, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5953, 0.3676, 0.3108 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(170, 116, 128)` looks like.

```
.text, #text, p{  
    color:rgb(170, 116, 128)  
}
```

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(170, 116, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 116, 128) }
```

Border

The CSS property to change the border of an element to Yxy 22.5953, 0.3676, 0.3108 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(170, 116, 128) }
```

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

```
.border{ border-color:rgb(170, 116, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 116, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 116, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 116, 128);  
box-shadow:4px 4px 4px 4px rgb(170, 116,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5953, 0.3676, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 116, 128) }
```

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

```
.background{ background-color: rgb(170,  
116, 128) }
```

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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