

Converting Colors

$Y_{xy}(22.4215, 0.3587, 0.3179)$

Have a look what the booklet for
Yxy(22.4215, 0.3587, 0.3179)
contains.

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Color

Yxy(22.3814, 0.3590, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	A2777E
RGB	162, 119, 126
RGB Percent	64%, 47%, 49%
CMY	0.3646, 0.5334, 0.5058
CMYK	0.00, 0.27, 0.22, 0.36
HSL	350°, 19%, 55%
HSV	350°, 27%, 64%
XYZ	25.2671, 22.3814, 22.7333
YIQ	132.6550, 23.3810, 11.2930

Conversions

Conversions Part 2

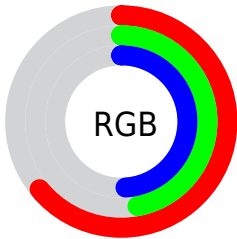
Format	Color
R_{YB}	162, 119, 126
Decimal	10647422
CIE _{Lab}	54.43, 17.92, 2.78
CIE _{LCh}	54, 18.136, 8.821
Y _{xy}	22.3814, 0.3590, 0.3180
Android (android.graphics.Color)	4288837502 (0xFFA2777E)
YUV	132.6550, -3.2809, 25.7356
Hunter-Lab	47.3090, 12.5436, 4.6258

Details

The Yxy color **22.3814, 0.3590, 0.3180** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.1358, 0.2802, 0.3404**, and the grayscale version is **23.3306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2859, 0.3488, 0.3196**, and **8.1673, 0.3771, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **18.5227, 0.3841, 0.3137**, and if you desaturate by 10%, it is **26.9470, 0.3385, 0.3223**.

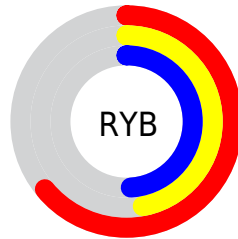
Distribution



Red (64%)

Green (47%)

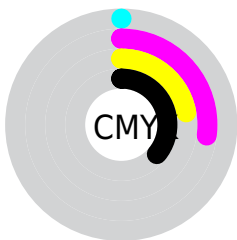
Blue (49%)



Red (64%)

Yellow (47%)

Blue (49%)

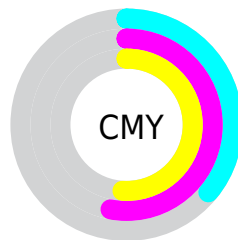


Cyan (0%)

Magenta (27%)

Yellow (22%)

Black (36%)



Cyan (36%)


Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.3814, 0.3590, 0.3180 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 22.3814, 0.3590, 0.3180 by changing the saturation by 10% instead.


 22.3814, 0.3590,
0.3180


 22.3814, 0.3590,
0.3180

264.5316, 0.3329,
0.3244


 14.1374, 0.3667,
0.3160


 47.3756, 0.3487,
0.3206

 8.2163, 0.3775,
0.3132

 64.8945, 0.3451,
0.3215

 4.2337, 0.3937,
0.3088

 86.2740, 0.3421,
0.3222

 1.8051, 0.4203,
0.3012

111.8982, 0.3397,
0.3228

 0.4904, 0.5217,
0.2826

142.1517, 0.3376,
0.3233

 0.0000, 0.0000,
0.0000

177.4189, 0.3358,

0.3237

218.0840, 0.3343,
0.3241

■ 22.3814, 0.3590,
0.3180

■ 22.3814, 0.3590,
0.3180

■ 18.5227, 0.3841,
0.3137

■ 26.9470, 0.3385,
0.3223

■ 15.3327, 0.4145,
0.3096

■ 32.2491, 0.3219,
0.3264

■ 12.7739, 0.4503,
0.3064


■ 38.3196, 0.3084,
0.3303

■ 10.8043, 0.4905,
0.3047


■ 45.1874, 0.2975,
0.3338


■ 9.3766, 0.5327,
0.3052


■ 52.8798, 0.2886,
0.3370


 8.4360, 0.5725,
0.3085

 61.4232, 0.2813,
0.3400

 7.9042, 0.6050,
0.3143

 70.8424, 0.2752,
0.3426

 7.7602, 0.6146,
0.3159

 81.1615, 0.2703,
0.3450

 85.9825, 0.2647,
0.3366

Harmonies

Analogous

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



22.3814, 0.3296, 0.2947



22.3814, 0.3590, 0.3180



22.3814, 0.3756, 0.3448

Triad

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



22.3814, 0.3590, 0.3180



22.3814, 0.3262, 0.3848



22.3814, 0.2543, 0.2857

Complementary

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



22.3814, 0.3590, 0.3180



32.1358, 0.2802, 0.3404

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.



22.3814, 0.2536, 0.3079



22.3814, 0.3590, 0.3180



22.3814, 0.2940, 0.3673

Square

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



22.3814, 0.3590, 0.3180



22.3814, 0.3557, 0.3848



22.3814, 0.2678, 0.3382



22.3814, 0.2697, 0.2761

Rectangle

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



22.3814, 0.3590, 0.3180



22.3814, 0.3768, 0.3618



22.3814, 0.2678, 0.3382



22.3814, 0.2524, 0.2918

Sweetspot

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



22.3824, 0.3590, 0.3180



56.9024, 0.3243, 0.3258



22.7551, 0.3074, 0.2629



12.4536, 0.3266, 0.3252



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.



22.3824, 0.3590, 0.3180



36.2339, 0.3736, 0.3154



25.8824, 0.3624, 0.3517



7.1040, 0.3260, 0.3254



6.1164, 0.6128, 0.3149



0.1335, 0.5340, 0.2715

Inverse Universe

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



22.3824, 0.3590, 0.3180



36.2339, 0.3736, 0.3154



27.6098, 0.2726, 0.3051



7.1040, 0.3260, 0.3254



6.1164, 0.6128, 0.3149



0.1335, 0.5340, 0.2715

Previews

White Background



This preview shows how the Yxy color 22.3814, 0.3590, 0.3180 looks on a white background.

Color Contrast Check

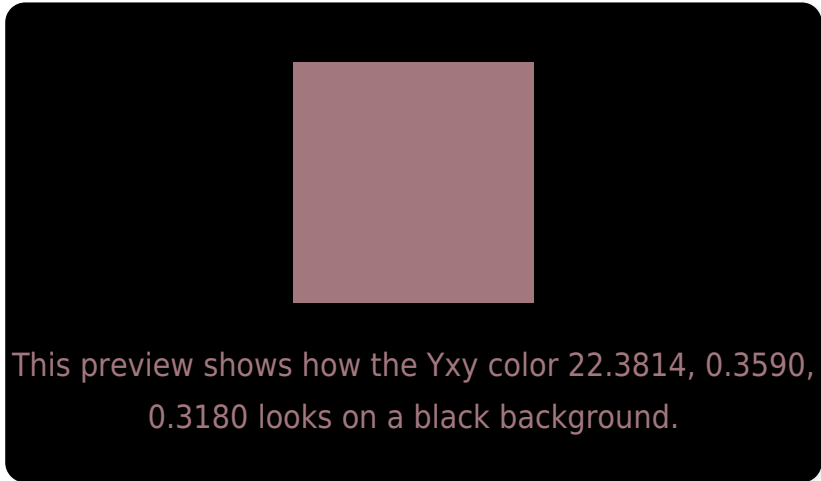
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

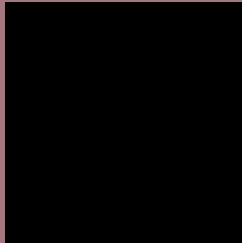
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3814, 0.3590, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 22.3814, 0.3590, 0.3180.



This preview shows how white text looks on a background with the Yxy color 22.3814, 0.3590, 0.3180.

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

22.3814, 0.3590, 0.3180

Protanopia

22.5367, 0.3129, 0.3255

Deuteranopia

22.4221, 0.3369, 0.3308



Tritanopia

22.4335, 0.3564, 0.3149

Trichromacy



Original Color

22.3814, 0.3590, 0.3180

Protanomaly

22.3731, 0.3287, 0.3223

Deuteranomaly

22.2259, 0.3451, 0.3258

Tritanomaly

22.4073, 0.3577, 0.3165

Monochromacy



Original Color

22.3814, 0.3590, 0.3180

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.9793, 0.3295, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3814, 0.3590, 0.3180 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, 119, 126)` looks like.

```
.text, #text, p{  
    color:rgb(162, 119, 126)  
}
```

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, 119, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 119, 126) }
```

Border

The CSS property to change the border of an element to Yxy 22.3814, 0.3590, 0.3180 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, 119, 126) }
```

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

```
.border{ border-color:rgb(162, 119, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 119, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 119, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 119, 126);  
box-shadow:4px 4px 4px 4px rgb(162, 119,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3814, 0.3590, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 119, 126) }
```

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

```
.background{ background-color: rgb(162,  
119, 126) }
```

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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