

Converting Colors

$Y_{xy}(24.6899, 0.3857, 0.3221)$

Have a look what the booklet for
Yxy(24.6899, 0.3857, 0.3221)
contains.

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Color

Yxy(24.5940, 0.3866, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	B6777C
RGB	182, 119, 124
RGB Percent	71%, 47%, 49%
CMY	0.2862, 0.5333, 0.5138
CMYK	0.00, 0.35, 0.32, 0.29
HSL	355°, 30%, 59%
HSV	355°, 35%, 71%
XYZ	29.5281, 24.5940, 22.2568
YIQ	138.4070, 35.9430, 14.9110

Conversions

Conversions Part 2

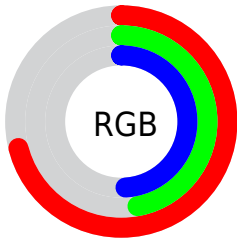
Format	Color
R_{YB}	182, 119, 124
Decimal	11958140
CIE _{Lab}	56.68, 25.37, 7.49
CIE _{LCh}	57, 26.455, 16.451
Yxy	24.5940, 0.3866, 0.3220
Android (android.graphics.Color)	4290148220 (0xFFB6777C)
YUV	138.4070, -7.1027, 38.2311
Hunter-Lab	49.5923, 19.4952, 8.1056

Details

The Yxy color **24.5940, 0.3866, 0.3220** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.5580, 0.2677, 0.3364**, and the grayscale version is **25.5972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.9904, 0.3705, 0.3247**, and **9.4003, 0.4148, 0.3193** is the 20% darker color. If you saturate the color by 10%, you get **20.2813, 0.4197, 0.3201**, and if you desaturate by 10%, it is **29.8108, 0.3594, 0.3241**.

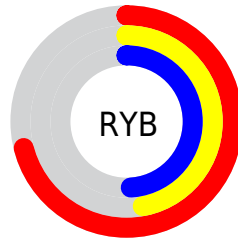
Distribution



Red (71%)

Green (47%)

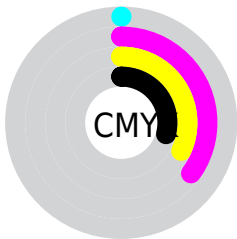
Blue (49%)



Red (71%)

Yellow (47%)

Blue (49%)

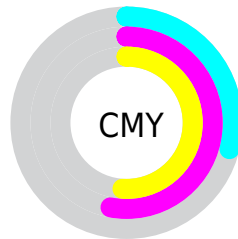


Cyan (0%)

Magenta (35%)

Yellow (32%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.5940, 0.3866, 0.3220 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 24.5940, 0.3866, 0.3220 by changing the saturation by 10% instead.


 24.5940, 0.3866,
0.3220


 24.5940, 0.3866,
0.3220

275.8099, 0.3454,
0.3267


 15.7748, 0.3985,
0.3203


 50.9978, 0.3705,
0.3240

 9.3650, 0.4150,
0.3178


 69.3512, 0.3648,
0.3247

 4.9800, 0.4391,
0.3135

 91.6515, 0.3601,
0.3252

 2.2355, 0.4775,
0.3056

118.2831, 0.3562,
0.3256

 0.7393, 0.5817,
0.3030

149.6303, 0.3529,
0.3259

 0.0000, 1.0000,
0.0000


186.0776, 0.3500,

 0.0000, 0.0000,


0.3262


0.0000


228.0094, 0.3476,
0.3265


 24.5940, 0.3866,
0.3220


 24.5940, 0.3866,
0.3220


 20.2813, 0.4197,
0.3201


 29.8108, 0.3594,
0.3241


 16.8179, 0.4589,
0.3186


 35.9751, 0.3374,
0.3262

 14.1488, 0.5028,
0.3179


 43.1321, 0.3197,
0.3281


 12.2108, 0.5481,
0.3185


 51.3229, 0.3054,
0.3300


 10.9313, 0.5893,
0.3205


 60.5862, 0.2939,
0.3316

 10.2228, 0.6198,
0.3239

 70.9589, 0.2846,
0.3331

 9.9795, 0.6313,
0.3252

 82.4759, 0.2770,
0.3345

 88.6866, 0.2711,
0.3289

Harmonies

Analogous

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



24.5940, 0.3478, 0.2888



24.5940, 0.3866, 0.3220



24.5940, 0.4040, 0.3587

Triad

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



24.5940, 0.3866, 0.3220



24.5940, 0.3189, 0.4055



24.5940, 0.2355, 0.2631

Complementary

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



24.5940, 0.3866, 0.3220



40.5580, 0.2677, 0.3364

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.



24.5940, 0.2293, 0.2888



24.5940, 0.3866, 0.3220



24.5940, 0.2753, 0.3745

Square

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



24.5940, 0.3866, 0.3220



24.5940, 0.3628, 0.4105



24.5940, 0.2432, 0.3296



24.5940, 0.2607, 0.2555

Rectangle

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



24.5940, 0.3866, 0.3220



24.5940, 0.4006, 0.3815



24.5940, 0.2432, 0.3296



24.5940, 0.2312, 0.2696

Sweetspot

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



24.5952, 0.3866, 0.3220



70.7605, 0.3290, 0.3271



25.8906, 0.3109, 0.2430



15.2344, 0.3316, 0.3268



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.5952, 0.3866, 0.3220



38.1355, 0.4129, 0.3204



31.6073, 0.3803, 0.3666



9.0235, 0.3276, 0.3272



7.0505, 0.6298, 0.3243



0.2525, 0.5922, 0.3036

Inverse Universe

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



24.5952, 0.3866, 0.3220



38.1355, 0.4129, 0.3204



30.9953, 0.2591, 0.2879



9.0235, 0.3276, 0.3272



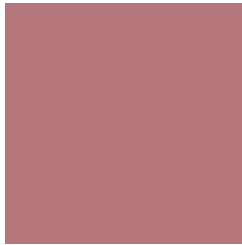
7.0505, 0.6298, 0.3243



0.2525, 0.5922, 0.3036

Previews

White Background



This preview shows how the Yxy color 24.5940, 0.3866, 0.3220 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 24.5940, 0.3866, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

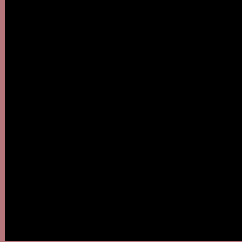
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.5940, 0.3866, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 24.5940, 0.3866, 0.3220.



This preview shows how white text looks on a background with the Yxy color 24.5940, 0.3866, 0.3220.

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

24.5940, 0.3866, 0.3220

Protanopia

24.8772, 0.3203, 0.3341

Deuteranopia

24.6063, 0.3513, 0.3437



Tritanopia

24.4343, 0.3831, 0.3162

Trichromacy



Original Color

24.5940, 0.3866, 0.3220

Protanomaly

24.5455, 0.3423, 0.3291

Deuteranomaly

24.6081, 0.3636, 0.3354

Tritanomaly

24.4083, 0.3844, 0.3177

Monochromacy



Original Color

24.5940, 0.3866, 0.3220

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7961, 0.3374, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.5940, 0.3866, 0.3220 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(182, 119, 124)` looks like.

```
.text, #text, p{  
    color:rgb(182, 119, 124)  
}
```

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(182, 119, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 119, 124) }
```

Border

The CSS property to change the border of an element to Yxy 24.5940, 0.3866, 0.3220 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(182, 119, 124) }
```

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

```
.border{ border-color:rgb(182, 119, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 119, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(182, 119,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 24.5940, 0.3866, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 119, 124) }
```

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

```
.background{ background-color: rgb(182,  
119, 124) }
```

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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