

Converting Colors

$Y_{xy}(22.8414, 0.4217, 0.3449)$

Have a look what the booklet for
Yxy(22.8414, 0.4217, 0.3449)
contains.

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Color

Yxy(22.9599, 0.4218, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	B87166
RGB	184, 113, 102
RGB Percent	72%, 44%, 40%
CMY	0.2784, 0.5568, 0.6000
CMYK	0.00, 0.39, 0.45, 0.28
HSL	8°, 37%, 56%
HSV	8°, 45%, 72%
XYZ	28.0710, 22.9599, 15.5196
YIQ	132.9750, 45.8470, 11.6310

Conversions

Conversions Part 2

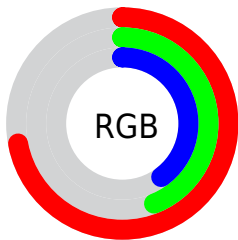
Format	Color
R_{YB}	184, 115, 102
Decimal	12087654
CIE Lab	55.03, 26.81, 17.99
CIE LCh	55, 32.285, 33.874
Yxy	22.9599, 0.4218, 0.3450
Android (android.graphics.Color)	4290277734 (0xFFB87166)
YUV	132.9750, -15.2707, 44.7489
Hunter-Lab	47.9165, 20.7170, 14.3382

Details

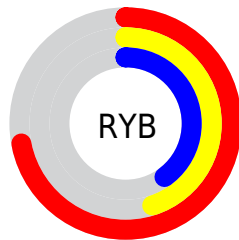
The Yxy color **22.9599, 0.4218, 0.3450** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.1686, 0.2505, 0.3117**, and the grayscale version is **23.4904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4496, 0.3972, 0.3436**, and **8.5318, 0.4641, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **19.3877, 0.4601, 0.3480**, and if you desaturate by 10%, it is **27.2393, 0.3889, 0.3414**.

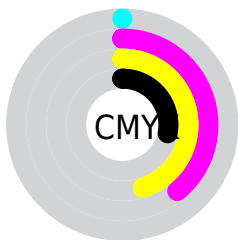
Distribution



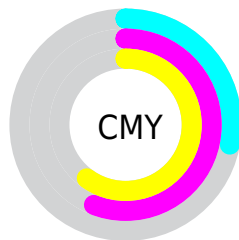
- Red (72%)
- Green (44%)
- Blue (40%)



- Red (72%)
- Yellow (45%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (45%)
- Black (28%)





- Cyan (28%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9599, 0.4218, 0.3450 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 22.9599, 0.4218, 0.3450 by changing the saturation by 10% instead.


 22.9599, 0.4218,
0.3450

 22.9599, 0.4218,
0.3450


267.5190, 0.3603,
0.3384


 14.5639, 0.4397,
0.3458


 48.3275, 0.3976,
0.3431

 8.5139, 0.4643,
0.3460


 66.0678, 0.3891,
0.3422

 4.4255, 0.5000,
0.3445

 87.6918, 0.3821,
0.3414

 1.9143, 0.5605,
0.3409

 113.5837, 0.3763,
0.3407

 0.5570, 0.6887,
0.3113

144.1280, 0.3714,
0.3400

 0.0000, 1.0000,
0.0000

179.7090, 0.3672,

 0.0000, 0.0000,

0.3394

0.0000

220.7112, 0.3635,
0.3389

■ 22.9599, 0.4218,
0.3450

■ 22.9599, 0.4218,
0.3450

■ 19.3877, 0.4601,
0.3480

■ 27.2393, 0.3889,
0.3414

■ 16.4811, 0.5025,
0.3497

■ 32.2576, 0.3613,
0.3377

■ 14.1998, 0.5461,
0.3496


■ 38.0488, 0.3386,
0.3340


■ 12.4972, 0.5857,
0.3470

■ 44.6436, 0.3201,
0.3305


■ 11.3204, 0.6157,
0.3421

■ 52.0712, 0.3048,
0.3273

 10.8739, 0.6280,
0.3396

 60.3593, 0.2923,
0.3244

 69.5343, 0.2820,
0.3217

 79.6215, 0.2734,
0.3193

 88.9309, 0.2721,
0.3289

Harmonies

Analogous

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



22.9599, 0.3871, 0.3017



22.9599, 0.4218, 0.3450



22.9599, 0.4232, 0.3886

Triad

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



22.9599, 0.4218, 0.3450



22.9599, 0.2870, 0.4070



22.9599, 0.2331, 0.2401

Complementary

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



22.9599, 0.4218, 0.3450



36.1686, 0.2505, 0.3117

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.



22.9599, 0.2122, 0.2575



22.9599, 0.4218, 0.3450



22.9599, 0.2407, 0.3535

Square

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



22.9599, 0.4218, 0.3450



22.9599, 0.3429, 0.4326



22.9599, 0.2146, 0.2972



22.9599, 0.2752, 0.2439

Rectangle

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



22.9599, 0.4218, 0.3450



22.9599, 0.4061, 0.4132



22.9599, 0.2146, 0.2972



22.9599, 0.2237, 0.2434

Sweetspot

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



22.9610, 0.4218, 0.3450



70.5031, 0.3359, 0.3335



22.7114, 0.3305, 0.2340



14.6657, 0.3404, 0.3343



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.



22.9610, 0.4218, 0.3450



35.5482, 0.4573, 0.3478



34.2389, 0.3950, 0.4012



9.2015, 0.3284, 0.3321



7.5554, 0.6265, 0.3408



0.3294, 0.5878, 0.3715

Inverse Universe

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



36.1686, 0.2505, 0.3117



62.3444, 0.2404, 0.3075



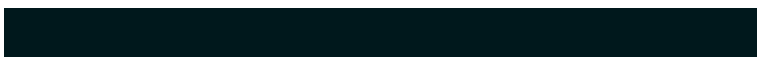
22.8043, 0.2388, 0.2432



9.9994, 0.2985, 0.3258



19.6185, 0.2129, 0.2865



0.7491, 0.2163, 0.2985

Previews

White Background



This preview shows how the Yxy color 22.9599, 0.4218, 0.3450 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 22.9599, 0.4218, 0.3450 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 22.9599, 0.4218, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 22.9599, 0.4218, 0.3450.



This preview shows how white text looks on a background with the Yxy color 22.9599, 0.4218, 0.3450.

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

22.9599, 0.4218, 0.3450

Protanopia

23.1392, 0.3441, 0.3657

Deuteranopia

23.1475, 0.3815, 0.3750



Tritanopia

23.0151, 0.4008, 0.3179

Trichromacy



Original Color

22.9599, 0.4218, 0.3450

Protanomaly

22.7185, 0.3704, 0.3572

Deuteranomaly

22.9462, 0.3960, 0.3636

Tritanomaly

23.0949, 0.4086, 0.3279

Monochromacy



Original Color

22.9599, 0.4218, 0.3450

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.0022, 0.3492, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9599, 0.4218, 0.3450 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(184, 113, 102)` looks like.

```
.text, #text, p{  
    color:rgb(184, 113, 102)  
}
```

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(184, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 113, 102) }
```

Border

The CSS property to change the border of an element to Yxy 22.9599, 0.4218, 0.3450 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(184, 113, 102) }
```

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

```
.border{ border-color:rgb(184, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 113, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 113, 102);  
box-shadow:4px 4px 4px 4px rgb(184, 113,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9599, 0.4218, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 113, 102) }
```

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

```
.background{ background-color: rgb(184,  
113, 102) }
```

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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