

Converting Colors

$Yxy(22.3464, 0.3948, 0.3386)$

Have a look what the booklet for
Yxy(22.3464, 0.3948, 0.3386)
contains.

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Color

Yxy(22.3872, 0.3941, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	AC746E
RGB	172, 116, 110
RGB Percent	67%, 45%, 43%
CMY	0.3255, 0.5451, 0.5687
CMYK	0.00, 0.33, 0.36, 0.33
HSL	6°, 27%, 55%
HSV	6°, 36%, 67%
XYZ	26.0721, 22.3872, 17.6967
YIQ	132.0600, 35.3020, 10.0060

Conversions

Conversions Part 2

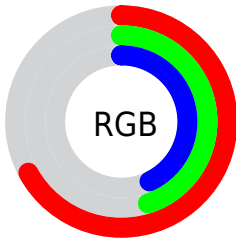
Format	Color
R_{YB}	172, 117, 110
Decimal	11301998
CIE Lab	54.44, 21.27, 12.29
CIE LCh	54, 24.571, 30.024
Yxy	22.3872, 0.3941, 0.3384
Android (android.graphics.Color)	4289492078 (0xFFAC746E)
YUV	132.0600, -10.8756, 35.0274
Hunter-Lab	47.3151, 15.5576, 10.9450

Details

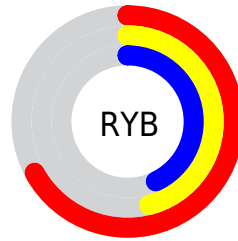
The Yxy color $22.3872, 0.3941, 0.3384$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.5589, 0.2617, 0.3192$, and the grayscale version is $23.1280, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.2719, 0.3757, 0.3361$, and $8.2137, 0.4283, 0.3400$ is the 20% darker color. If you saturate the color by 10%, you get $18.7628, 0.4285, 0.3409$, and if you desaturate by 10%, it is $26.6852, 0.3654, 0.3357$.

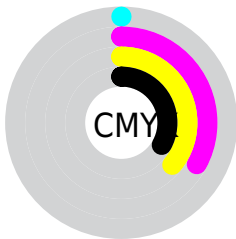
Distribution



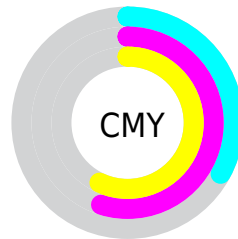
- Red (67%)
- Green (45%)
- Blue (43%)



- Red (67%)
- Yellow (46%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (36%)
- Black (33%)




- Cyan (33%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3872, 0.3941, 0.3384 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 22.3872, 0.3941, 0.3384 by changing the saturation by 10% instead.


 22.3872, 0.3941,
0.3384

 22.3872, 0.3941,
0.3384


264.5617, 0.3480,
0.3343


 14.1417, 0.4078,
0.3390


 47.3851, 0.3759,
0.3372


 8.2193, 0.4268,
0.3393


 64.9063, 0.3695,
0.3366

 4.2356, 0.4550,
0.3389

 86.2882, 0.3643,
0.3361

 1.8062, 0.5007,
0.3356

 111.9152, 0.3599,
0.3357

 0.4910, 0.6694,
0.3306

142.1716, 0.3563,
0.3353

 0.0000, 0.0000,
0.0000

177.4419, 0.3531,

0.3350

218.1105, 0.3504,
0.3346

■ 22.3872, 0.3941,
0.3384

■ 22.3872, 0.3941,
0.3384

■ 18.7628, 0.4285,
0.3409

■ 26.6852, 0.3654,
0.3357

■ 15.7746, 0.4685,
0.3430

■ 31.6850, 0.3418,
0.3330

■ 13.3870, 0.5124,
0.3440


■ 37.4173, 0.3226,
0.3305

■ 11.5590, 0.5566,
0.3435


■ 43.9100, 0.3069,
0.3281

■ 10.2449, 0.5955,
0.3412

■ 51.1895, 0.2941,
0.3259


 9.3907, 0.6234,
0.3374

 59.2808, 0.2836,
0.3240

 9.1613, 0.6319,
0.3364

 68.2081, 0.2750,
0.3223

 77.9943, 0.2678,
0.3207

 87.5102, 0.2662,
0.3289

Harmonies

Analogous

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



22.3872, 0.3650, 0.3040



22.3872, 0.3941, 0.3384



22.3872, 0.3992, 0.3730

Triad

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



22.3872, 0.3941, 0.3384



22.3872, 0.2991, 0.3914



22.3872, 0.2473, 0.2602

Complementary

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



22.3872, 0.3941, 0.3384



33.5589, 0.2617, 0.3192

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.



22.3872, 0.2328, 0.2772



22.3872, 0.3941, 0.3384



22.3872, 0.2610, 0.3537

Square

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



22.3872, 0.3941, 0.3384



22.3872, 0.3426, 0.4081



22.3872, 0.2375, 0.3107



22.3872, 0.2790, 0.2606

Rectangle

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



22.3872, 0.3941, 0.3384



22.3872, 0.3886, 0.3922



22.3872, 0.2375, 0.3107



22.3872, 0.2404, 0.2639

Sweetspot

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



22.3883, 0.3941, 0.3384



62.3609, 0.3320, 0.3317



22.7043, 0.3227, 0.2480



13.2616, 0.3345, 0.3321



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.



22.3883, 0.3941, 0.3384



35.4347, 0.4202, 0.3404



30.5034, 0.3781, 0.3828



8.1357, 0.3284, 0.3313



6.8571, 0.6309, 0.3373



0.2299, 0.5967, 0.3644

Inverse Universe

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



33.5589, 0.2617, 0.3192



58.6074, 0.2525, 0.3168



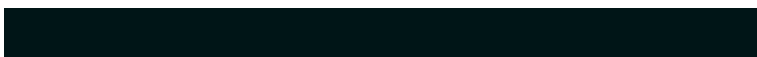
23.8528, 0.2547, 0.2682



8.9373, 0.2986, 0.3267



19.7847, 0.2163, 0.2988



0.5879, 0.2191, 0.3087

Previews

White Background



This preview shows how the Yxy color 22.3872, 0.3941, 0.3384 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 22.3872, 0.3941, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

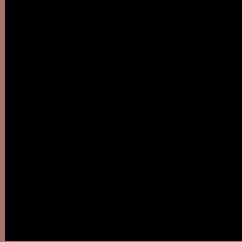
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3872, 0.3941, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 22.3872, 0.3941, 0.3384.



This preview shows how white text looks on a background with the Yxy color 22.3872, 0.3941, 0.3384.

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

22.3872, 0.3941, 0.3384

Protanopia

22.4839, 0.3342, 0.3520

Deuteranopia

22.5837, 0.3648, 0.3593



Tritanopia

22.3489, 0.3788, 0.3156

Trichromacy



Original Color

22.3872, 0.3941, 0.3384

Protanomaly

22.2717, 0.3554, 0.3477

Deuteranomaly

22.3941, 0.3757, 0.3503

Tritanomaly

22.4537, 0.3851, 0.3247

Monochromacy



Original Color

22.3872, 0.3941, 0.3384

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.5800, 0.3406, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3872, 0.3941, 0.3384 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(172, 116, 110)` looks like.

```
.text, #text, p{  
    color:rgb(172, 116, 110)  
}
```

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(172, 116, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 116, 110) }
```

Border

The CSS property to change the border of an element to Yxy 22.3872, 0.3941, 0.3384 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(172, 116, 110) }
```

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

```
.border{ border-color:rgb(172, 116, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 116, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 116, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 116, 110);  
box-shadow:4px 4px 4px 4px rgb(172, 116,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3872, 0.3941, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 116, 110) }
```

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

```
.background{ background-color: rgb(172,  
116, 110) }
```

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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