

Converting Colors

$Y_{xy}(21.2730, 0.4051, 0.3384)$

Have a look what the booklet for
Yxy(21.2730, 0.4051, 0.3384)
contains.

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Color

Yxy(21.2730, 0.4051, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	AD6F69
RGB	173, 111, 105
RGB Percent	68%, 44%, 41%
CMY	0.3216, 0.5647, 0.5883
CMYK	0.00, 0.36, 0.39, 0.32
HSL	5°, 29%, 55%
HSV	5°, 39%, 68%
XYZ	25.4660, 21.2730, 16.1245
YIQ	128.8540, 38.8780, 11.2780

Conversions

Conversions Part 2

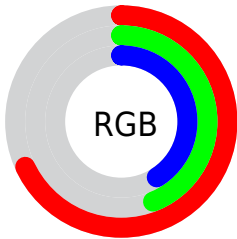
Format	Color
RYB	173, 112, 105
Decimal	11366249
CIELab	53.25, 23.86, 13.58
CIElCh	53, 27.452, 29.645
Yxy	21.2730, 0.4051, 0.3384
Android (android.graphics.Color)	4289556329 (0xFFAD6F69)
YUV	128.8540, -11.7600, 38.7160
Hunter-Lab	46.1227, 17.8417, 11.5581

Details

The Yxy color **21.2730, 0.4051, 0.3384** is a dark color, and the websafe version is hex **996666**, and the color name is **copper penny**. A complement of this color would be **33.6453, 0.2578, 0.3192**, and the grayscale version is **21.9313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4177, 0.3842, 0.3373**, and **7.6023, 0.4425, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **17.8110, 0.4417, 0.3406**, and if you desaturate by 10%, it is **25.4168, 0.3744, 0.3359**.

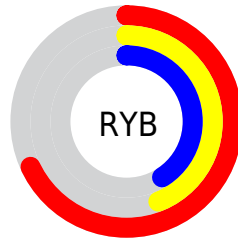
Distribution



Red (68%)

Green (44%)

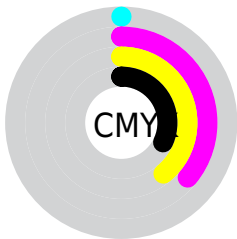
Blue (41%)



Red (68%)

Yellow (44%)

Blue (41%)

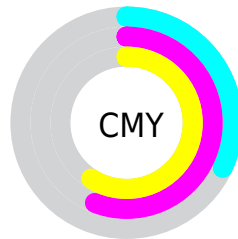


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (32%)



Cyan (32%)


Magenta (56%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2730, 0.4051, 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 21.2730, 0.4051, 0.3384 by changing the saturation by 10% instead.

 21.2730, 0.4051,
0.3384


 21.2730, 0.4051,
0.3384


258.7258, 0.3524,
0.3346


 13.3237, 0.4209,
0.3387


 45.5414, 0.3841,
0.3374


 7.6518, 0.4429,
0.3385


 62.6294, 0.3768,
0.3369

 3.8730, 0.4757,
0.3369

 83.5323, 0.3709,
0.3364

 1.6028, 0.5324,
0.3330

 108.6346, 0.3659,
0.3360

 0.3595, 0.7205,
0.2795

138.3208, 0.3618,
0.3356

 0.0000, 0.0000,
0.0000

172.9751, 0.3582,

0.3353

212.9819, 0.3551,
0.3349

■ 21.2730, 0.4051,
0.3384

■ 21.2730, 0.4051,
0.3384

■ 17.8110, 0.4417,
0.3406

■ 25.4168, 0.3744,
0.3359

■ 14.9914, 0.4835,
0.3422

■ 30.2728, 0.3491,
0.3335

■ 12.7753, 0.5283,
0.3427


■ 35.8736, 0.3284,
0.3311


■ 11.1186, 0.5717,
0.3417


■ 42.2486, 0.3117,
0.3289


■ 9.9712, 0.6074,
0.3390

■ 49.4259, 0.2980,
0.3268

 9.2688, 0.6314,
0.3358

 57.4319, 0.2869,
0.3250

 9.2342, 0.6328,
0.3357

 66.2919, 0.2777,
0.3233

 76.0301, 0.2700,
0.3218

 86.2987, 0.2664,
0.3266

Harmonies

Analogous

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



21.2730, 0.3715, 0.3002



21.2730, 0.4051, 0.3384



21.2730, 0.4110, 0.3773

Triad

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



21.2730, 0.4051, 0.3384



21.2730, 0.2975, 0.4011



21.2730, 0.2387, 0.2516

Complementary

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



21.2730, 0.4051, 0.3384



33.6453, 0.2578, 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.



21.2730, 0.2228, 0.2704



21.2730, 0.4051, 0.3384



21.2730, 0.2545, 0.3577

Square

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



21.2730, 0.4051, 0.3384



21.2730, 0.3467, 0.4194



21.2730, 0.2282, 0.3082



21.2730, 0.2738, 0.2521

Rectangle

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



21.2730, 0.4051, 0.3384



21.2730, 0.3989, 0.3995



21.2730, 0.2282, 0.3082



21.2730, 0.2311, 0.2557

Sweetspot

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



21.2740, 0.4051, 0.3384



61.2066, 0.3340, 0.3317



21.7858, 0.3238, 0.2409



13.0250, 0.3365, 0.3320



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.



21.2740, 0.4051, 0.3384



32.7515, 0.4358, 0.3403



30.0490, 0.3853, 0.3878



8.1252, 0.3284, 0.3311



6.8231, 0.6318, 0.3365



0.2257, 0.6000, 0.3618

Inverse Universe

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



33.6453, 0.2578, 0.3192



57.9511, 0.2482, 0.3167



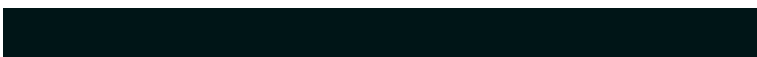
22.8827, 0.2492, 0.2616



8.9489, 0.2986, 0.3269



20.1431, 0.2171, 0.3015



0.5950, 0.2196, 0.3105

Previews

White Background



This preview shows how the Yxy color 21.2730, 0.4051, 0.3384 looks on a white background.

Color Contrast Check

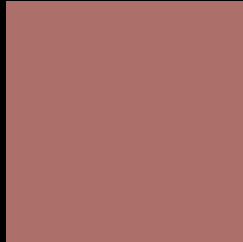
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2730, 0.4051, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

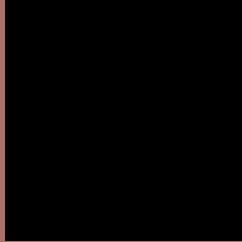
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2730, 0.4051, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 21.2730, 0.4051, 0.3384.



This preview shows how white text looks on a background with the Yxy color 21.2730, 0.4051, 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

21.2730, 0.4051, 0.3384

Protanopia

21.3575, 0.3358, 0.3543

Deuteranopia

21.4411, 0.3685, 0.3634



Tritanopia

21.2203, 0.3906, 0.3172

Trichromacy



Original Color

21.2730, 0.4051, 0.3384

Protanomaly

21.0964, 0.3606, 0.3479

Deuteranomaly

21.3612, 0.3810, 0.3538

Tritanomaly

21.3428, 0.3958, 0.3247

Monochromacy



Original Color

21.2730, 0.4051, 0.3384

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.2949, 0.3440, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2730, 0.4051, 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(173, 111, 105)` looks like.

```
.text, #text, p{  
    color:rgb(173, 111, 105)  
}
```

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(173, 111, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 111, 105) }
```

Border

The CSS property to change the border of an element to Yxy 21.2730, 0.4051, 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(173, 111, 105) }
```

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

```
.border{ border-color:rgb(173, 111, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 111, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 111, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 111, 105);  
box-shadow:4px 4px 4px 4px rgb(173, 111,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2730, 0.4051, 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(173, 111, 105) }
```

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

```
.background{ background-color: rgb(173,  
111, 105) }
```

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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