

Converting Colors

$Y_{xy}(24.0806, 0.4087, 0.3566)$

Have a look what the booklet for
Yxy(24.0806, 0.4087, 0.3566)
contains.

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Color

Yxy(24.0990, 0.4091, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	B27966
RGB	178, 121, 102
RGB Percent	70%, 47%, 40%
CMY	0.3018, 0.5255, 0.6000
CMYK	0.00, 0.32, 0.43, 0.30
HSL	15°, 33%, 55%
HSV	15°, 43%, 70%
XYZ	27.6005, 24.0990, 15.7669
YIQ	135.8770, 40.0710, 6.1750

Conversions

Conversions Part 2

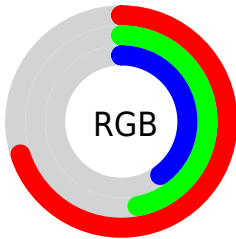
Format	Color
R_{YB}	178, 127, 102
Decimal	11696486
CIE Lab	56.19, 19.95, 19.44
CIE LCh	56, 27.854, 44.247
Yxy	24.0990, 0.4091, 0.3572
Android (android.graphics.Color)	4289886566 (0xFFB27966)
YUV	135.8770, -16.7014, 36.9419
Hunter-Lab	49.0907, 14.4501, 15.3208

Details

The Yxy color **24.0990, 0.4091, 0.3572** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.8493, 0.2505, 0.2981**, and the grayscale version is **24.6253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2342, 0.3875, 0.3530**, and **9.1215, 0.4455, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **20.7598, 0.4426, 0.3632**, and if you desaturate by 10%, it is **27.9658, 0.3800, 0.3505**.

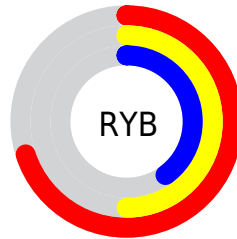
Distribution



Red (70%)

Green (47%)

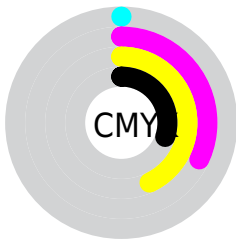
Blue (40%)



Red (70%)

Yellow (50%)

Blue (40%)

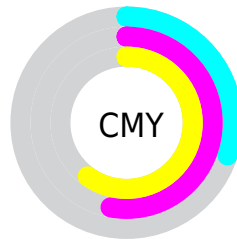


Cyan (0%)

Magenta (32%)

Yellow (43%)

Black (30%)



Cyan (30%)


Magenta (53%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0990, 0.4091, 0.3572 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 24.0990, 0.4091, 0.3572 by changing the saturation by 10% instead.


 24.0990, 0.4091,
0.3572


 24.0990, 0.4091,
0.3572


273.3206, 0.3552,
0.3435


 15.4071, 0.4246,
0.3602


 50.1917, 0.3880,
0.3525


 9.1056, 0.4458,
0.3635


 68.3613, 0.3806,
0.3506

 4.8101, 0.4763,
0.3666

 90.4589, 0.3745,
0.3490

 2.1363, 0.5269,
0.3704

 116.8688, 0.3693,
0.3476

 0.6849, 0.6316,
0.3684

147.9756, 0.3650,
0.3464

 0.0000, 1.0000,
0.0000

184.1636, 0.3613,

 0.0000, 0.0000,

0.3453

0.0000

225.8171, 0.3581,
0.3443

■ 24.0990, 0.4091,
0.3572

■ 24.0990, 0.4091,
0.3572

■ 20.7598, 0.4426,
0.3632

■ 27.9658, 0.3800,
0.3505

■ 17.9215, 0.4798,
0.3676

■ 32.3785, 0.3552,
0.3436

■ 15.5601, 0.5187,
0.3694


■ 37.3588, 0.3344,
0.3369


■ 13.6483, 0.5562,
0.3676

■ 42.9261, 0.3169,
0.3306


■ 12.1554, 0.5882,
0.3617


■ 49.0988, 0.3023,
0.3248

 11.3049, 0.6073,
0.3560

 55.8948, 0.2901,
0.3194

 63.3308, 0.2799,
0.3146

 71.4232, 0.2712,
0.3101

 79.7136, 0.2674,
0.3138

Harmonies

Analogous

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



24.0990, 0.3887, 0.3186



24.0990, 0.4091, 0.3572



24.0990, 0.4010, 0.3926

Triad

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



24.0990, 0.4091, 0.3572



24.0990, 0.2761, 0.3806



24.0990, 0.2551, 0.2515

Complementary

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



24.0990, 0.4091, 0.3572



30.8493, 0.2505, 0.2981

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.



24.0990, 0.2300, 0.2606



24.0990, 0.4091, 0.3572



24.0990, 0.2411, 0.3330

Square

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



24.0990, 0.4091, 0.3572



24.0990, 0.3226, 0.4119



24.0990, 0.2251, 0.2889



24.0990, 0.2968, 0.2604

Rectangle

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



24.0990, 0.4091, 0.3572



24.0990, 0.3815, 0.4095



24.0990, 0.2251, 0.2889



24.0990, 0.2447, 0.2524

Sweetspot

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



24.1002, 0.4091, 0.3572



67.2296, 0.3353, 0.3373



21.5192, 0.3390, 0.2474



14.4390, 0.3396, 0.3387



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



24.1002, 0.4091, 0.3572



38.0973, 0.4397, 0.3627



34.7975, 0.3863, 0.4080



8.8388, 0.3281, 0.3348



8.1725, 0.6054, 0.3575



0.3514, 0.5506, 0.4010

Inverse Universe

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



30.8493, 0.2505, 0.2981



51.8573, 0.2390, 0.2902



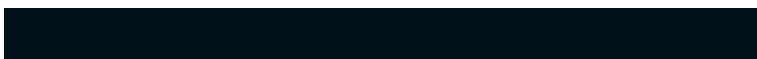
20.0267, 0.2400, 0.2343



9.2649, 0.2986, 0.3232



14.5117, 0.2020, 0.2473



0.5425, 0.2091, 0.2727

Previews

White Background



This preview shows how the Yxy color 24.0990, 0.4091, 0.3572 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 24.0990, 0.4091, 0.3572 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 24.0990, 0.4091, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 24.0990, 0.4091, 0.3572.



This preview shows how white text looks on a background with the Yxy color 24.0990, 0.4091, 0.3572.

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

24.0990, 0.4091, 0.3572

Protanopia

24.2503, 0.3513, 0.3753

Deuteranopia

23.9915, 0.3830, 0.3758



Tritanopia

24.1665, 0.3819, 0.3175

Trichromacy



Original Color

24.0990, 0.4091, 0.3572

Protanomaly

24.0738, 0.3716, 0.3683

Deuteranomaly

23.9683, 0.3923, 0.3682

Tritanomaly

24.0617, 0.3920, 0.3322

Monochromacy



Original Color

24.0990, 0.4091, 0.3572

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.2671, 0.3441, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0990, 0.4091, 0.3572 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(178, 121, 102)` looks like.

```
.text, #text, p{  
    color:rgb(178, 121, 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(178, 121, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 121, 102) }
```

Border

The CSS property to change the border of an element to Yxy 24.0990, 0.4091, 0.3572 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(178, 121, 102) }
```

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

```
.border{ border-color:rgb(178, 121, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 121, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 121, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 121, 102);  
box-shadow:4px 4px 4px 4px rgb(178, 121,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0990, 0.4091, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 121, 102) }
```

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

```
.background{ background-color: rgb(178,  
121, 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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