

Converting Colors

$Y_{xy}(25.2995, 0.3923, 0.3515)$

Have a look what the booklet for
Yxy(25.2995, 0.3923, 0.3515)
contains.

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Color

Yxy(25.2995, 0.3923, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	B07E6F
RGB	176, 126, 111
RGB Percent	69%, 49%, 44%
CMY	0.3098, 0.5059, 0.5646
CMYK	0.00, 0.28, 0.37, 0.31
HSL	14°, 29%, 56%
HSV	14°, 37%, 69%
XYZ	28.2361, 25.2995, 18.4402
YIQ	139.2400, 34.6150, 5.9350

Conversions

Conversions Part 2

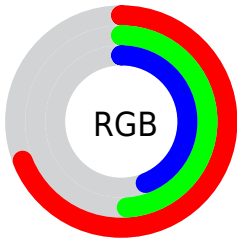
Format	Color
R_YB	176, 131, 111
Decimal	11566703
CIE _{Lab}	57.37, 17.39, 15.84
CIE _{LCh}	57, 23.524, 42.325
Yxy	25.2995, 0.3923, 0.3515
Android (android.graphics.Color)	4289756783 (0xFFB07E6F)
YUV	139.2400, -13.9223, 32.2385
Hunter-Lab	50.2986, 12.1819, 13.4724

Details

The Yxy color **25.2995, 0.3923, 0.3515** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.0141, 0.2586, 0.3049**, and the grayscale version is **25.9619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2082, 0.3748, 0.3474**, and **9.8042, 0.4230, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **21.7180, 0.4238, 0.3575**, and if you desaturate by 10%, it is **29.4288, 0.3654, 0.3452**.

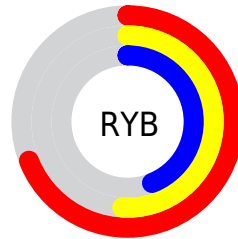
Distribution



Red (69%)

Green (49%)

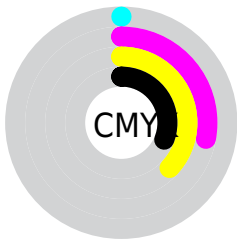
Blue (44%)



Red (69%)

Yellow (51%)

Blue (44%)

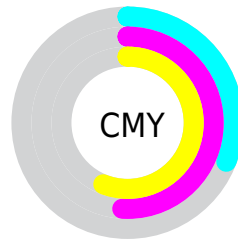


Cyan (0%)

Magenta (28%)

Yellow (37%)

Black (31%)



Cyan (31%)


Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2995, 0.3923, 0.3515 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 25.2995, 0.3923, 0.3515 by changing the saturation by 10% instead.


 25.2995, 0.3923,
0.3515


 25.2995, 0.3923,
0.3515


279.3262, 0.3481,
0.3404


 16.3003, 0.4050,
0.3541


 52.1427, 0.3751,
0.3476


 9.7369, 0.4223,
0.3571


 70.7555, 0.3690,
0.3461

 5.2249, 0.4474,
0.3605

 93.3416, 0.3639,
0.3448

 2.3798, 0.4863,
0.3632

 120.2855, 0.3597,
0.3436

 0.8155, 0.6057,
0.3943

151.9715, 0.3562,
0.3427

 0.0000, 1.0000,
0.0000

188.7840, 0.3531,

 0.0000, 0.0000,


0.3418


0.0000

231.1075, 0.3504,
0.3410


 25.2995, 0.3923,
0.3515


 25.2995, 0.3923,
0.3515


 21.7180, 0.4238,
0.3575


 29.4288, 0.3654,
0.3452


 18.6573, 0.4596,
0.3625

 34.1240, 0.3428,
0.3389


 16.0939, 0.4986,
0.3655


 39.4069, 0.3239,
0.3329


 14.0005, 0.5382,
0.3657


 45.2971, 0.3082,
0.3273


 12.3473, 0.5745,
0.3621


 51.8132, 0.2950,
0.3222


 11.0995, 0.6033,
0.3550

 58.9730, 0.2841,
0.3175

 10.7868, 0.6112,
0.3529

 66.7936, 0.2748,
0.3133

 75.2915, 0.2670,
0.3094

 83.5183, 0.2672,
0.3211

Harmonies

Analogous

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



25.2995, 0.3739, 0.3187



25.2995, 0.3923, 0.3515



25.2995, 0.3875, 0.3813

Triad

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



25.2995, 0.3923, 0.3515



25.2995, 0.2848, 0.3736



25.2995, 0.2627, 0.2636

Complementary

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



25.2995, 0.3923, 0.3515



32.0141, 0.2586, 0.3049

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.



25.2995, 0.2422, 0.2729



25.2995, 0.3923, 0.3515



25.2995, 0.2542, 0.3354

Square

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



25.2995, 0.3923, 0.3515



25.2995, 0.3241, 0.3979



25.2995, 0.2392, 0.2982



25.2995, 0.2972, 0.2700

Rectangle

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



25.2995, 0.3923, 0.3515



25.2995, 0.3724, 0.3953



25.2995, 0.2392, 0.2982



25.2995, 0.2541, 0.2649

Sweetspot

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



25.3007, 0.3923, 0.3515



67.2421, 0.3316, 0.3354



23.2102, 0.3332, 0.2569



14.2993, 0.3340, 0.3362



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.3007, 0.3923, 0.3515



40.7032, 0.4166, 0.3563



34.6935, 0.3758, 0.3959



8.8126, 0.3281, 0.3343



7.9902, 0.6095, 0.3543



0.3407, 0.5558, 0.3969

Inverse Universe

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



32.0141, 0.2586, 0.3049



54.5649, 0.2483, 0.2989



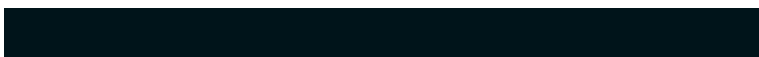
22.3307, 0.2510, 0.2513



9.2928, 0.2986, 0.3236



15.1938, 0.2039, 0.2540



0.5594, 0.2104, 0.2773

Previews

White Background



This preview shows how the Yxy color 25.2995, 0.3923, 0.3515 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 25.2995, 0.3923, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

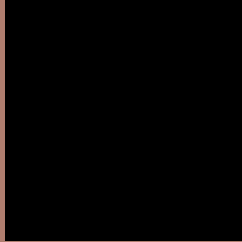
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2995, 0.3923, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 25.2995, 0.3923, 0.3515.



This preview shows how white text looks on a background with the Yxy color 25.2995, 0.3923, 0.3515.

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

25.2995, 0.3923, 0.3515

Protanopia

25.4811, 0.3428, 0.3643

Deuteranopia

25.4779, 0.3717, 0.3656



Tritanopia

25.2968, 0.3698, 0.3160

Trichromacy



Original Color

25.2995, 0.3923, 0.3515

Protanomaly

25.3559, 0.3595, 0.3598

Deuteranomaly

25.1980, 0.3792, 0.3603

Tritanomaly

25.2177, 0.3783, 0.3292

Monochromacy



Original Color

25.2995, 0.3923, 0.3515

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3106, 0.3389, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2995, 0.3923, 0.3515 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(176, 126, 111)` looks like.

```
.text, #text, p{  
    color:rgb(176, 126, 111)  
}
```

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(176, 126, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 126, 111) }
```

Border

The CSS property to change the border of an element to Yxy 25.2995, 0.3923, 0.3515 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(176, 126, 111) }
```

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

```
.border{ border-color:rgb(176, 126, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 126, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 126, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 126, 111);  
box-shadow:4px 4px 4px 4px rgb(176, 126,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2995, 0.3923, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 126, 111) }
```

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

```
.background{ background-color: rgb(176,  
126, 111) }
```

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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