

Converting Colors

$Y_{xy}(24.2592, 0.3682, 0.3616)$

Have a look what the booklet for
Yxy(24.2592, 0.3682, 0.3616)
contains.

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Color

Yxy(24.2592, 0.3682, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	9D826E
RGB	157, 130, 110
RGB Percent	62%, 51%, 43%
CMY	0.3843, 0.4902, 0.5687
CMYK	0.00, 0.17, 0.30, 0.38
HSL	26°, 19%, 52%
HSV	26°, 30%, 62%
XYZ	24.7020, 24.2592, 18.1273
YIQ	135.7930, 22.5120, -0.4960

Conversions

Conversions Part 2

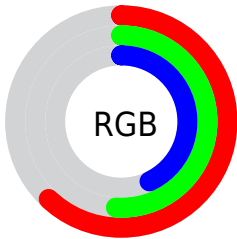
Format	Color
R_{YB}	157, 145, 110
Decimal	10322542
CIE _{Lab}	56.35, 7.24, 14.71
CIE _{LCh}	56, 16.398, 63.786
Yxy	24.2592, 0.3682, 0.3616
Android (android.graphics.Color)	4288512622 (0xFF9D826E)
YUV	135.7930, -12.7159, 18.5985
Hunter-Lab	49.2536, 3.3286, 12.6564

Details

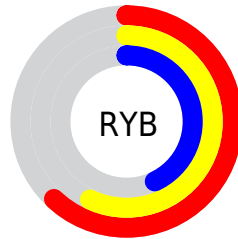
The Yxy color $24.2592, 0.3682, 0.3616$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $23.6362, 0.2668, 0.2939$, and the grayscale version is $24.5816, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4727, 0.3555, 0.3546$, and $9.2359, 0.3901, 0.3738$ is the 20% darker color. If you saturate the color by 10%, you get $21.6536, 0.3922, 0.3729$, and if you desaturate by 10%, it is $27.1379, 0.3470, 0.3503$.

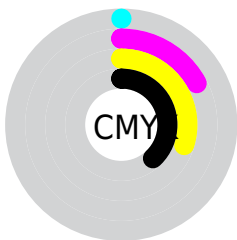
Distribution



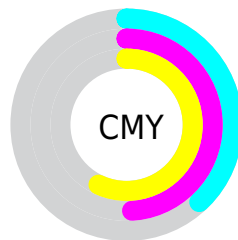
- Red (62%)
- Green (51%)
- Blue (43%)



- Red (62%)
- Yellow (57%)
- Blue (43%)



- Cyan (0%)
- Magenta (17%)
- Yellow (30%)
- Black (38%)





- Cyan (38%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2592, 0.3682, 0.3616 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 24.2592, 0.3682, 0.3616 by changing the saturation by 10% instead.


 24.2592, 0.3682,
0.3616


 24.2592, 0.3682,
0.3616


274.1283, 0.3373,
0.3441


 15.5260, 0.3771,
0.3664


 50.4528, 0.3561,
0.3549

 9.1894, 0.3894,
0.3727


 68.6821, 0.3518,
0.3525

 4.8649, 0.4073,
0.3813

 90.8455, 0.3483,
0.3505

 2.1682, 0.4355,
0.3936

 117.3274, 0.3454,
0.3488

 0.7026, 0.5459,
0.4541

148.5122, 0.3429,
0.3474

 0.0000, 0.0000,
0.0000

184.7844, 0.3408,

0.3461

226.5283, 0.3389,
0.3450

■ 24.2592, 0.3682,
0.3616

■ 24.2592, 0.3682,
0.3616

■ 21.6536, 0.3922,
0.3729

■ 27.1379, 0.3470,
0.3503

■ 19.3091, 0.4191,
0.3836

■ 30.2944, 0.3286,
0.3393

■ 17.2177, 0.4482,
0.3928

■ 33.7376, 0.3126,
0.3290

■ 15.3698, 0.4785,
0.3993

■ 37.4750, 0.2989,
0.3193

■ 13.7549, 0.5085,
0.4019

■ 41.5136, 0.2870,
0.3104

■ 12.3614, 0.5359,
0.3996

■ 45.8604, 0.2767,
0.3022

■ 11.1701, 0.5602,
0.3934

■ 50.5221, 0.2678,
0.2948

■ 11.1646, 0.5603,
0.3933

■ 55.5049, 0.2601,
0.2880

■ 60.8153, 0.2534,
0.2817

Harmonies

Analogous

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



24.2592, 0.3666, 0.3392



24.2592, 0.3682, 0.3616



24.2592, 0.3543, 0.3767

Triad

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



24.2592, 0.3682, 0.3616



24.2592, 0.2763, 0.3418



24.2592, 0.2942, 0.2839

Complementary

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



24.2592, 0.3682, 0.3616



23.6362, 0.2668, 0.2939

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.



24.2592, 0.2716, 0.2828



24.2592, 0.3682, 0.3616



24.2592, 0.2617, 0.3148

Square

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



24.2592, 0.3682, 0.3616



24.2592, 0.3009, 0.3660



24.2592, 0.2600, 0.2935



24.2592, 0.3228, 0.2958

Rectangle

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



24.2592, 0.3682, 0.3616



24.2592, 0.3386, 0.3799



24.2592, 0.2600, 0.2935



24.2592, 0.2857, 0.2822

Sweetspot

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



24.2603, 0.3682, 0.3616



54.7093, 0.3273, 0.3385



20.1351, 0.3403, 0.2852



11.8614, 0.3296, 0.3399



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



24.2603, 0.3682, 0.3616



40.2436, 0.3841, 0.3693



31.1057, 0.3583, 0.3963



7.0872, 0.3274, 0.3386



9.1375, 0.5590, 0.3944



0.2455, 0.4947, 0.4454

Inverse Universe

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



23.6362, 0.2668, 0.2939



38.9350, 0.2564, 0.2846



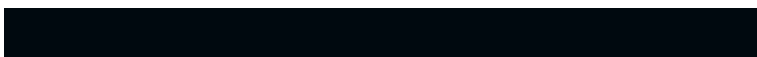
17.7610, 0.2622, 0.2514



7.0358, 0.2988, 0.3193



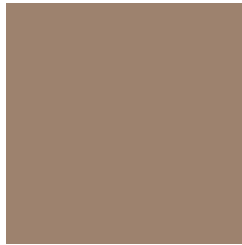
8.0124, 0.1851, 0.1863



0.2261, 0.2026, 0.2493

Previews

White Background



This preview shows how the Yxy color 24.2592, 0.3682, 0.3616 looks on a white background.

Color Contrast Check

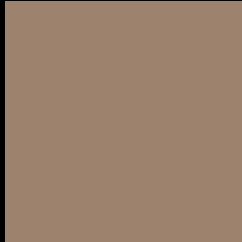
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2592, 0.3682, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

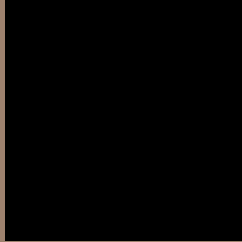
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2592, 0.3682, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 24.2592, 0.3682, 0.3616.



This preview shows how white text looks on a background with the Yxy color 24.2592, 0.3682, 0.3616.

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

24.2592, 0.3682, 0.3616

Protanopia

24.3374, 0.3468, 0.3683

Deuteranopia

24.2592, 0.3682, 0.3616



Tritanopia

24.1729, 0.3423, 0.3134

Trichromacy



Original Color

24.2592, 0.3682, 0.3616

Protanomaly

24.2187, 0.3547, 0.3660

Deuteranomaly

24.2592, 0.3682, 0.3616

Tritanomaly

24.0820, 0.3515, 0.3291

Monochromacy



Original Color

24.2592, 0.3682, 0.3616

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.5118, 0.3317, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2592, 0.3682, 0.3616 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(157, 130, 110)` looks like.

```
.text, #text, p{  
    color:rgb(157, 130, 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(157, 130, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 130, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.2592, 0.3682, 0.3616 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(157, 130, 110) }
```

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

```
.border{ border-color:rgb(157, 130, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 130, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 130, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 130, 110);  
box-shadow:4px 4px 4px 4px rgb(157, 130,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2592, 0.3682, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 130, 110) }
```

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

```
.background{ background-color: rgb(157,  
130, 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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