

Converting Colors

$Y_{xy}(24.3636, 0.3682, 0.3683)$

Have a look what the booklet for
Yxy(24.3636, 0.3682, 0.3683)
contains.

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Color

Yxy(24.2627, 0.3688, 0.3684)

Conversions

Conversions Part 1

Format	Color
Hex	9B836B
RGB	155, 131, 107
RGB Percent	61%, 51%, 42%
CMY	0.3921, 0.4863, 0.5805
CMYK	0.00, 0.15, 0.31, 0.39
HSL	30°, 19%, 51%
HSV	30°, 31%, 61%
XYZ	24.2890, 24.2627, 17.3079
YIQ	135.4400, 22.0080, -2.3760

Conversions

Conversions Part 2

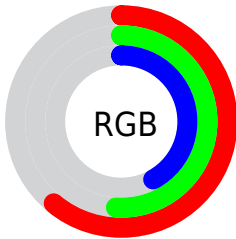
Format	Color
R_{YB}	155, 155, 107
Decimal	10191723
CIE _{Lab}	56.35, 5.44, 16.40
CIE _{LCh}	56, 17.279, 71.649
Yxy	24.2627, 0.3688, 0.3684
Android (android.graphics.Color)	4288381803 (0xFF9B836B)
YUV	135.4400, -14.0209, 17.1541
Hunter-Lab	49.2572, 1.8195, 13.6468

Details

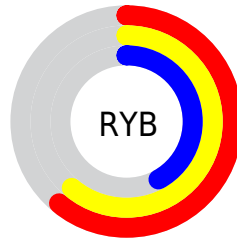
The Yxy color $24.2627, 0.3688, 0.3684$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.7238, 0.2645, 0.2860$, and the grayscale version is $24.4482, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4512, 0.3569, 0.3609$, and $9.2444, 0.3890, 0.3815$ is the 20% darker color. If you saturate the color by 10%, you get $21.9616, 0.3916, 0.3815$, and if you desaturate by 10%, it is $26.7803, 0.3483, 0.3552$.

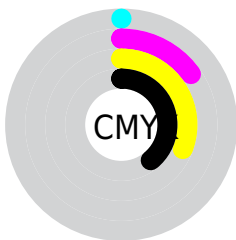
Distribution



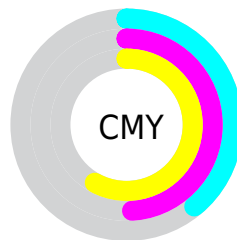
- Red (61%)
- Green (51%)
- Blue (42%)



- Red (61%)
- Yellow (61%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (31%)
- Black (39%)




- Cyan (39%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2627, 0.3688, 0.3684 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 24.2627, 0.3688, 0.3684 by changing the saturation by 10% instead.


 24.2627, 0.3688,
0.3684


 24.2627, 0.3688,
0.3684


274.1459, 0.3376,
0.3471


 15.5286, 0.3778,
0.3742


 50.4585, 0.3566,
0.3603

 9.1912, 0.3900,
0.3820


 68.6891, 0.3523,
0.3573

 4.8661, 0.4078,
0.3928

 90.8539, 0.3488,
0.3549

 2.1689, 0.4358,
0.4088

 117.3374, 0.3458,
0.3528

 0.7030, 0.5326,
0.4674

148.5240, 0.3433,
0.3511

 0.0000, 0.0000,
0.0000

184.7980, 0.3412,

0.3496

226.5438, 0.3393,
0.3482

■ 24.2627, 0.3688,
0.3684

■ 24.2627, 0.3688,
0.3684

■ 21.9616, 0.3916,
0.3815

■ 26.7803, 0.3483,
0.3552

■ 19.8672, 0.4166,
0.3939

■ 29.5171, 0.3301,
0.3424

■ 17.9736, 0.4430,
0.4045

■ 32.4803, 0.3142,
0.3302

■ 16.2734, 0.4700,
0.4123

■ 35.6754, 0.3002,
0.3188

■ 14.7585, 0.4961,
0.4161

■ 39.1079, 0.2880,
0.3082

■ 13.4198, 0.5196,
0.4149

■ 42.7829, 0.2774,
0.2985

■ 12.3496, 0.5387,
0.4104

■ 46.7055, 0.2681,
0.2895

■ 50.8806, 0.2600,
0.2814

■ 55.3129, 0.2528,
0.2739

Harmonies

Analogous

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



24.2627, 0.3716, 0.3462



24.2627, 0.3688, 0.3684



24.2627, 0.3505, 0.3814

Triad

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



24.2627, 0.3688, 0.3684



24.2627, 0.2692, 0.3348



24.2627, 0.3007, 0.2839

Complementary

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



24.2627, 0.3688, 0.3684



21.7238, 0.2645, 0.2860

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.



24.2627, 0.2747, 0.2795



24.2627, 0.3688, 0.3684



24.2627, 0.2572, 0.3072

Square

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



24.2627, 0.3688, 0.3684



24.2627, 0.2928, 0.3622



24.2627, 0.2592, 0.2875



24.2627, 0.3313, 0.2989

Rectangle

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



24.2627, 0.3688, 0.3684



24.2627, 0.3324, 0.3821



24.2627, 0.2592, 0.2875



24.2627, 0.2912, 0.2811

Sweetspot

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



24.2638, 0.3688, 0.3684



53.7808, 0.3271, 0.3401



19.1205, 0.3468, 0.2899



12.0135, 0.3294, 0.3418



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.



24.2638, 0.3688, 0.3684



40.6266, 0.3839, 0.3773



31.4788, 0.3582, 0.4042



6.7074, 0.3272, 0.3401



9.9936, 0.5375, 0.4114



0.2221, 0.4781, 0.4586

Inverse Universe

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



21.7238, 0.2645, 0.2860



35.3591, 0.2537, 0.2749



16.0037, 0.2594, 0.2409



6.5110, 0.2989, 0.3176



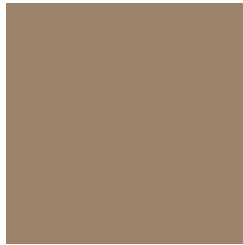
6.2964, 0.1782, 0.1614



0.1668, 0.1991, 0.2369

Previews

White Background



This preview shows how the Yxy color 24.2627, 0.3688, 0.3684 looks on a white background.

Color Contrast Check

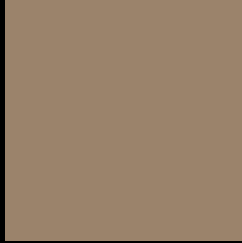
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2627, 0.3688, 0.3684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

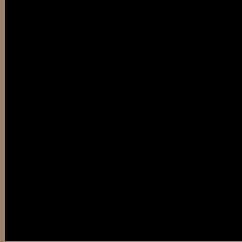
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2627, 0.3688, 0.3684

Background



This preview shows how black text looks on a background with the Yxy color 24.2627, 0.3688, 0.3684.



This preview shows how white text looks on a background with the Yxy color 24.2627, 0.3688, 0.3684.

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

24.2627, 0.3688, 0.3684

Protanopia

24.3614, 0.3514, 0.3734

Deuteranopia

24.2959, 0.3729, 0.3663



Tritanopia

24.2540, 0.3385, 0.3133

Trichromacy



Original Color

24.2627, 0.3688, 0.3684

Protanomaly

24.4288, 0.3577, 0.3727

Deuteranomaly

24.1949, 0.3717, 0.3665

Tritanomaly

24.1128, 0.3499, 0.3323

Monochromacy



Original Color

24.2627, 0.3688, 0.3684

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.2816, 0.3316, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2627, 0.3688, 0.3684 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(155, 131, 107)` looks like.

```
.text, #text, p{  
    color:rgb(155, 131, 107)  
}
```

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(155, 131, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 131, 107) }
```

Border

The CSS property to change the border of an element to Yxy 24.2627, 0.3688, 0.3684 is called "border". The border property can be set on classes, ids or directly on the HTML element.

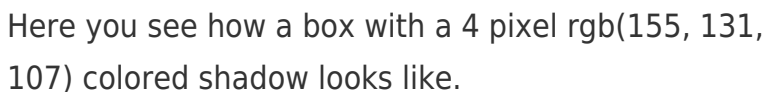
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 131, 107) }
```

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

```
.border{ border-color:rgb(155, 131, 107) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 131, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 131, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 131, 107); box-shadow:4px 4px 4px 4px rgb(155, 131, 107) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2627, 0.3688, 0.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 131, 107) }
```

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

```
.background{ background-color: rgb(155,  
131, 107) }
```

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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