

Converting Colors

$Y_{xy}(25.0868, 0.3991, 0.3559)$

Have a look what the booklet for
Yxy(25.0868, 0.3991, 0.3559)
contains.

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Color

Yxy(25.0759, 0.3991, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	B17D6B
RGB	177, 125, 107
RGB Percent	69%, 49%, 42%
CMY	0.3058, 0.5098, 0.5805
CMYK	0.00, 0.29, 0.40, 0.31
HSL	15°, 31%, 56%
HSV	15°, 40%, 69%
XYZ	28.1197, 25.0759, 17.2621
YIQ	138.4960, 36.7700, 5.4260

Conversions

Conversions Part 2

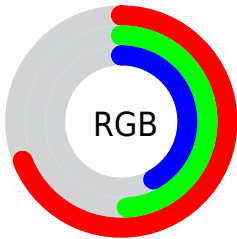
Format	Color
R_{YB}	177, 131, 107
Decimal	11631979
CIE _{Lab}	57.15, 17.87, 17.87
CIE _{LCh}	57, 25.273, 45.011
Yxy	25.0759, 0.3991, 0.3559
Android (android.graphics.Color)	4289822059 (0xFFB17D6B)
YUV	138.4960, -15.5275, 33.7680
Hunter-Lab	50.0758, 12.6025, 14.6146

Details

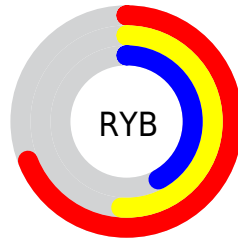
The Yxy color **25.0759, 0.3991, 0.3559** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.0912, 0.2545, 0.2998**, and the grayscale version is **25.6654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8018, 0.3805, 0.3519**, and **9.6327, 0.4297, 0.3623** is the 20% darker color. If you saturate the color by 10%, you get **21.6309, 0.4310, 0.3624**, and if you desaturate by 10%, it is **29.0401, 0.3715, 0.3489**.

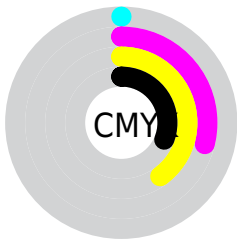
Distribution



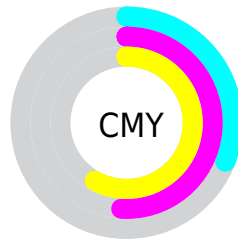
- Red (69%)
- Green (49%)
- Blue (42%)



- Red (69%)
- Yellow (51%)
- Blue (42%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (31%)





- Cyan (31%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0759, 0.3991, 0.3559 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 25.0759, 0.3991, 0.3559 by changing the saturation by 10% instead.


 25.0759, 0.3991,
0.3559


 25.0759, 0.3991,
0.3559


278.2157, 0.3511,
0.3426


 16.1336, 0.4129,
0.3589


 51.7803, 0.3804,
0.3512


 9.6188, 0.4316,
0.3625


 70.3113, 0.3737,
0.3494

 5.1469, 0.4586,
0.3664

 92.8072, 0.3683,
0.3478

 2.3337, 0.5006,
0.3699

 119.6525, 0.3637,
0.3465

 0.7915, 0.6100,
0.3900

151.2316, 0.3598,
0.3453

 0.0000, 1.0000,
0.0000

187.9290, 0.3565,

 0.0000, 0.0000,

0.3443

0.0000

230.1289, 0.3536,
0.3434

■ 25.0759, 0.3991,
0.3559

■ 25.0759, 0.3991,
0.3559

■ 21.6309, 0.4310,
0.3624

■ 29.0401, 0.3715,
0.3489

■ 18.6796, 0.4668,
0.3676

■ 33.5405, 0.3482,
0.3419

■ 16.1998, 0.5052,
0.3705


■ 38.5975, 0.3285,
0.3351


■ 14.1659, 0.5433,
0.3700


■ 44.2296, 0.3121,
0.3287

■ 12.5497, 0.5772,
0.3654

■ 50.4543, 0.2983,
0.3229

 11.3140, 0.6044,
0.3577

 57.2885, 0.2867,
0.3175

 11.2675, 0.6056,
0.3574

 64.7481, 0.2770,
0.3126

 72.8487, 0.2687,
0.3082

 80.8567, 0.2671,
0.3161

Harmonies

Analogous

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



25.0759, 0.3814, 0.3209



25.0759, 0.3991, 0.3559



25.0759, 0.3915, 0.3873

Triad

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



25.0759, 0.3991, 0.3559



25.0759, 0.2791, 0.3739



25.0759, 0.2617, 0.2589

Complementary

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



25.0759, 0.3991, 0.3559



31.0912, 0.2545, 0.2998

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.



25.0759, 0.2384, 0.2671



25.0759, 0.3991, 0.3559



25.0759, 0.2477, 0.3318

Square

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



25.0759, 0.3991, 0.3559



25.0759, 0.3209, 0.4022



25.0759, 0.2334, 0.2925



25.0759, 0.2997, 0.2673

Rectangle

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



25.0759, 0.3991, 0.3559



25.0759, 0.3739, 0.4018



25.0759, 0.2334, 0.2925



25.0759, 0.2521, 0.2597

Sweetspot

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



25.0771, 0.3991, 0.3559



66.6270, 0.3334, 0.3368



22.3801, 0.3380, 0.2547



14.1873, 0.3358, 0.3377



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.



25.0771, 0.3991, 0.3559



39.7563, 0.4251, 0.3613



35.3787, 0.3797, 0.4037



8.8490, 0.3281, 0.3349



8.2481, 0.6037, 0.3589



0.3555, 0.5487, 0.4026

Inverse Universe

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



31.0912, 0.2545, 0.2998



51.9157, 0.2438, 0.2926



20.8370, 0.2456, 0.2406



9.2539, 0.2986, 0.3230



14.2502, 0.2013, 0.2447



0.5360, 0.2086, 0.2709

Previews

White Background



This preview shows how the Yxy color 25.0759, 0.3991, 0.3559 looks on a white background.

Color Contrast Check

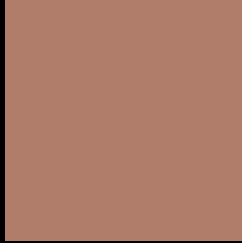
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0759, 0.3991, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

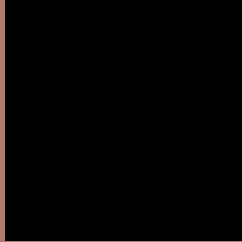
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0759, 0.3991, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 25.0759, 0.3991, 0.3559.



This preview shows how white text looks on a background with the Yxy color 25.0759, 0.3991, 0.3559.

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

25.0759, 0.3991, 0.3559

Protanopia

25.1946, 0.3486, 0.3694

Deuteranopia

25.1202, 0.3768, 0.3705



Tritanopia

25.1415, 0.3727, 0.3160

Trichromacy



Original Color

25.0759, 0.3991, 0.3559

Protanomaly

25.0909, 0.3657, 0.3646

Deuteranomaly

24.9566, 0.3858, 0.3648

Tritanomaly

25.0360, 0.3825, 0.3307

Monochromacy



Original Color

25.0759, 0.3991, 0.3559

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.9828, 0.3414, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0759, 0.3991, 0.3559 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(177, 125, 107)` looks like.

```
.text, #text, p{  
    color:rgb(177, 125, 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(177, 125, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 125, 107) }
```

Border

The CSS property to change the border of an element to Yxy 25.0759, 0.3991, 0.3559 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(177, 125, 107) }
```

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

```
.border{ border-color:rgb(177, 125, 107) }
```

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

Here you see how a box with a 4 pixel rgb(177, 125, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 125, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 125, 107);  
box-shadow:4px 4px 4px 4px rgb(177, 125,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0759, 0.3991, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 125, 107) }
```

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

```
.background{ background-color: rgb(177,  
125, 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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