

Converting Colors

$Y_{xy}(22.0342, 0.3668, 0.3744)$

Have a look what the booklet for
Yxy(22.0342, 0.3668, 0.3744)
contains.

Yxy(22.1186, 0.3663, 0.3757)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.1186, 0.3663, 0.3757)

Conversions

Conversions Part 1

Format	Color
Hex	917F64
RGB	145, 127, 100
RGB Percent	57%, 50%, 39%
CMY	0.4314, 0.5019, 0.6078
CMYK	0.00, 0.12, 0.31, 0.43
HSL	36°, 18%, 48%
HSV	36°, 31%, 57%
XYZ	21.5652, 22.1186, 15.1892
YIQ	129.3040, 19.3950, -4.5810

Conversions

Conversions Part 2

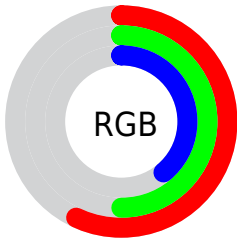
Format	Color
R_{YB}	130, 145, 100
Decimal	9535332
CIE _{Lab}	54.15, 2.58, 17.23
CIE _{LCh}	54, 17.418, 81.491
Yxy	22.1186, 0.3663, 0.3757
Android (android.graphics.Color)	4287725412 (0xFF917F64)
YUV	129.3040, -14.4469, 13.7654
Hunter-Lab	47.0304, -0.4543, 13.7726

Details

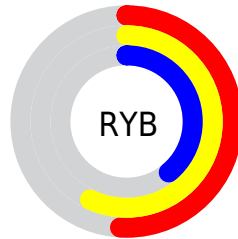
The Yxy color **22.1186, 0.3663, 0.3757** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.7060, 0.2637, 0.2773**, and the grayscale version is **22.1119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.0190, 0.3540, 0.3661**, and **8.0855, 0.3880, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **20.4092, 0.3871, 0.3911**, and if you desaturate by 10%, it is **23.9662, 0.3472, 0.3601**.

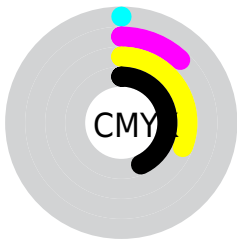
Distribution



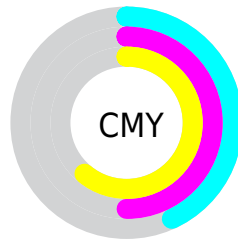
- Red (57%)
- Green (50%)
- Blue (39%)



- Red (51%)
- Yellow (57%)
- Blue (39%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (43%)





- Cyan (43%)
- Magenta (50%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1186, 0.3663, 0.3757 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 22.1186, 0.3663, 0.3757 by changing the saturation by 10% instead.


 22.1186, 0.3663,
0.3757


 22.1186, 0.3663,
0.3757


263.1650, 0.3362,
0.3498


 13.9441, 0.3751,
0.3831


 46.9419, 0.3545,
0.3656

 8.0818, 0.3871,
0.3931


 64.3595, 0.3503,
0.3621

 4.1473, 0.4047,
0.4073

 85.6269, 0.3469,
0.3591

 1.7563, 0.4395,
0.4360

 111.1286, 0.3441,
0.3566

 0.4597, 0.5209,
0.4791

141.2488, 0.3417,
0.3546

 0.0000, 0.0000,
0.0000

176.3720, 0.3396,

0.3528

216.8826, 0.3378,
0.3512

■ 22.1186, 0.3663,
0.3757

■ 22.1186, 0.3663,
0.3757

■ 20.4092, 0.3871,
0.3911

■ 23.9662, 0.3472,
0.3601

■ 18.8307, 0.4091,
0.4057

■ 25.9526, 0.3298,
0.3450

■ 17.3799, 0.4319,
0.4185

■ 28.0827, 0.3142,
0.3304

■ 16.0519, 0.4544,
0.4284

■ 30.3599, 0.3003,
0.3168

■ 14.8418, 0.4756,
0.4344

■ 32.7875, 0.2880,
0.3041

■ 13.7434, 0.4943,
0.4356

■ 35.3688, 0.2772,
0.2924

■ 12.8414, 0.5095,
0.4337

■ 38.1068, 0.2675,
0.2816

■ 41.0045, 0.2590,
0.2717

■ 44.0650, 0.2514,
0.2627

Harmonies

Analogous

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



22.1186, 0.3750, 0.3550



22.1186, 0.3663, 0.3757



22.1186, 0.3431, 0.3848

Triad

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



22.1186, 0.3663, 0.3757



22.1186, 0.2619, 0.3251



22.1186, 0.3105, 0.2862

Complementary

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



22.1186, 0.3663, 0.3757



17.7060, 0.2637, 0.2773

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.



22.1186, 0.2811, 0.2778



22.1186, 0.3663, 0.3757



22.1186, 0.2541, 0.2983

Square

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



22.1186, 0.3663, 0.3757



22.1186, 0.2829, 0.3549



22.1186, 0.2610, 0.2817



22.1186, 0.3419, 0.3047

Rectangle

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



22.1186, 0.3663, 0.3757



22.1186, 0.3229, 0.3818



22.1186, 0.2610, 0.2817



22.1186, 0.3001, 0.2822

Sweetspot

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



22.1196, 0.3663, 0.3757



47.1681, 0.3268, 0.3422



16.4412, 0.3531, 0.2977



10.3843, 0.3289, 0.3442



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.1196, 0.3663, 0.3757



37.5275, 0.3801, 0.3862



26.7856, 0.3528, 0.4052



5.9285, 0.3268, 0.3422



11.0679, 0.5088, 0.4342



0.1491, 0.4611, 0.4721

Inverse Universe

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



17.7060, 0.2637, 0.2773



28.3758, 0.2524, 0.2639



14.1316, 0.2649, 0.2425



5.5867, 0.2990, 0.3155



4.3935, 0.1696, 0.1307



0.0831, 0.1926, 0.2132

Previews

White Background



This preview shows how the Yxy color 22.1186, 0.3663, 0.3757 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 22.1186, 0.3663, 0.3757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

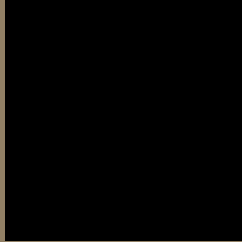
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1186, 0.3663, 0.3757

Background



This preview shows how black text looks on a background with the Yxy color 22.1186, 0.3663, 0.3757.



This preview shows how white text looks on a background with the Yxy color 22.1186, 0.3663, 0.3757.

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

22.1186, 0.3663, 0.3757

Protanopia

22.0434, 0.3553, 0.3787

Deuteranopia

22.0303, 0.3756, 0.3677



Tritanopia

22.2214, 0.3342, 0.3141

Trichromacy



Original Color

22.1186, 0.3663, 0.3757

Protanomaly

22.0406, 0.3596, 0.3764

Deuteranomaly

21.9964, 0.3712, 0.3699

Tritanomaly

22.0673, 0.3472, 0.3359

Monochromacy



Original Color

22.1186, 0.3663, 0.3757

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.8972, 0.3323, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1186, 0.3663, 0.3757 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(145, 127, 100)` looks like.

```
.text, #text, p{  
    color:rgb(145, 127, 100)  
}
```

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(145, 127, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 127, 100) }
```

Border

The CSS property to change the border of an element to Yxy 22.1186, 0.3663, 0.3757 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(145, 127, 100) }
```

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

```
.border{ border-color:rgb(145, 127, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 127, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 127, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 127, 100);  
box-shadow:4px 4px 4px 4px rgb(145, 127,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1186, 0.3663, 0.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 127, 100) }
```

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

```
.background{ background-color: rgb(145,  
127, 100) }
```

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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