

Converting Colors

$Y_{xy}(22.6314, 0.3433, 0.3291)$

Have a look what the booklet for
Yxy(22.6314, 0.3433, 0.3291)
contains.

Yxy(22.6319, 0.3434, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.6319, 0.3434, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	967D7D
RGB	150, 125, 125
RGB Percent	59%, 49%, 49%
CMY	0.4117, 0.5098, 0.5098
CMYK	0.00, 0.17, 0.17, 0.41
HSL	0°, 11%, 54%
HSV	0°, 17%, 59%
XYZ	23.6153, 22.6319, 22.5219
YIQ	132.4750, 14.9000, 5.3000

Conversions

Conversions Part 2

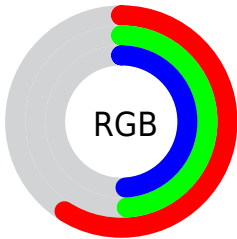
Format	Color
R_{YB}	150, 125, 125
Decimal	9862525
CIE _{Lab}	54.69, 9.63, 3.60
CIE _{LCh}	55, 10.280, 20.507
Yxy	22.6319, 0.3434, 0.3291
Android (android.graphics.Color)	4288052605 (0xFF967D7D)
YUV	132.4750, -3.6852, 15.3694
Hunter-Lab	47.5730, 5.3549, 5.2322

Details

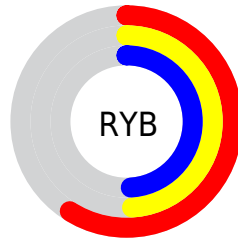
The Yxy color **22.6319, 0.3434, 0.3291** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3792, 0.2883, 0.3289**, and the grayscale version is **23.2654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8925, 0.3357, 0.3291**, and **8.3433, 0.3564, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **18.7633, 0.3679, 0.3292**, and if you desaturate by 10%, it is **27.1339, 0.3237, 0.3290**.

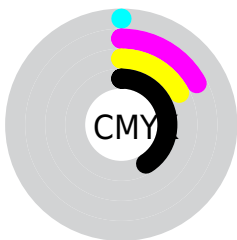
Distribution



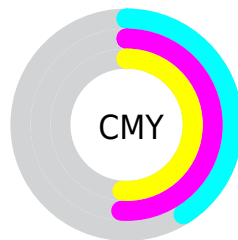
- Red (59%)
- Green (49%)
- Blue (49%)



- Red (59%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (41%)





- Cyan (41%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6319, 0.3434, 0.3291 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 22.6319, 0.3434, 0.3291 by changing the saturation by 10% instead.


 22.6319, 0.3434,
0.3291


 22.6319, 0.3434,
0.3291


265.8287, 0.3261,
0.3292


 14.3219, 0.3485,
0.3290


 47.7882, 0.3366,
0.3292

 8.3449, 0.3557,
0.3288


 65.4033, 0.3342,
0.3292

 4.3164, 0.3664,
0.3284

 86.8890, 0.3322,
0.3292

 1.8521, 0.3841,
0.3274

112.6295, 0.3306,
0.3292

 0.5193, 0.4666,
0.3325

143.0094, 0.3292,
0.3292

 0.0000, 0.0000,
0.0000

178.4129, 0.3281,

0.3292

219.2246, 0.3270,
0.3292

■ 22.6319, 0.3434,
0.3291

■ 22.6319, 0.3434,
0.3291

■ 18.7633, 0.3679,
0.3292

■ 27.1339, 0.3237,
0.3290

■ 15.4967, 0.3982,
0.3293

■ 32.2926, 0.3078,
0.3290

■ 12.8029, 0.4348,
0.3294


■ 38.1339, 0.2951,
0.3289


■ 10.6488, 0.4774,
0.3295


■ 44.6816, 0.2848,
0.3289

■ 8.9981, 0.5238,
0.3297


■ 51.9581, 0.2763,
0.3289


 7.8100, 0.5695,
0.3298


 59.9849, 0.2694,
0.3288

 7.0373, 0.6075,
0.3299

 68.7826, 0.2637,
0.3288

 6.6059, 0.6325,
0.3300

 78.3710, 0.2589,
0.3288

 6.4871, 0.6400,
0.3300

 85.2261, 0.2562,
0.3288

Harmonies

Analogous

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



22.6319, 0.3294, 0.3141



22.6319, 0.3434, 0.3291



22.6319, 0.3490, 0.3445

Triad

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



22.6319, 0.3434, 0.3291



22.6319, 0.3135, 0.3570



22.6319, 0.2817, 0.3013

Complementary

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



22.6319, 0.3434, 0.3291



28.3792, 0.2883, 0.3289

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.



22.6319, 0.2778, 0.3119



22.6319, 0.3434, 0.3291



22.6319, 0.2958, 0.3445

Square

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



22.6319, 0.3434, 0.3291



22.6319, 0.3314, 0.3613



22.6319, 0.2829, 0.3277



22.6319, 0.2937, 0.2983

Rectangle

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



22.6319, 0.3434, 0.3291



22.6319, 0.3471, 0.3531



22.6319, 0.2829, 0.3277



22.6319, 0.2794, 0.3041

Sweetspot

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



22.6329, 0.3434, 0.3291



49.2361, 0.3209, 0.3290



23.3534, 0.3146, 0.2890



10.7899, 0.3220, 0.3290



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



22.6329, 0.3434, 0.3291



37.2706, 0.3519, 0.3291



26.0019, 0.3401, 0.3496



5.8156, 0.3282, 0.3291



5.3786, 0.6400, 0.3300



0.0659, 0.6399, 0.3301

Inverse Universe

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



28.3792, 0.2883, 0.3289



49.3481, 0.2832, 0.3289



24.5973, 0.2873, 0.3076



6.5620, 0.2990, 0.3290



19.9056, 0.2246, 0.3287



0.2437, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 22.6319, 0.3434, 0.3291 looks on a white background.

Color Contrast Check

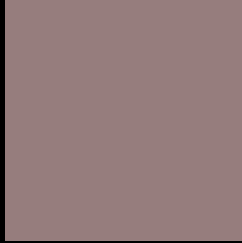
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6319, 0.3434, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

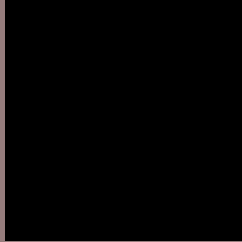
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6319, 0.3434, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 22.6319, 0.3434, 0.3291.



This preview shows how white text looks on a background with the Yxy color 22.6319, 0.3434, 0.3291.

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

22.6319, 0.3434, 0.3291

Protanopia

22.5921, 0.3195, 0.3325

Deuteranopia

22.7704, 0.3379, 0.3324



Tritanopia

22.6881, 0.3353, 0.3143

Trichromacy



Original Color

22.6319, 0.3434, 0.3291

Protanomaly

22.5461, 0.3281, 0.3308

Deuteranomaly

22.6054, 0.3394, 0.3308

Tritanomaly

22.6063, 0.3389, 0.3192

Monochromacy



Original Color

22.6319, 0.3434, 0.3291

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.7745, 0.3245, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6319, 0.3434, 0.3291 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(150, 125, 125)` looks like.

```
.text, #text, p{  
    color:rgb(150, 125, 125)  
}
```

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(150, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 125, 125) }
```

Border

The CSS property to change the border of an element to Yxy 22.6319, 0.3434, 0.3291 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(150, 125, 125) }
```

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

```
.border{ border-color:rgb(150, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(150, 125,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6319, 0.3434, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 125, 125) }
```

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

```
.background{ background-color: rgb(150,  
125, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor