

Converting Colors

$Y_{xy}(21.4531, 0.3325, 0.3015)$

Have a look what the booklet for
Yxy(21.4531, 0.3325, 0.3015)
contains.

Yxy(21.4553, 0.3314, 0.3011)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.4553, 0.3314, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	967788
RGB	150, 119, 136
RGB Percent	59%, 47%, 53%
CMY	0.4119, 0.5333, 0.4667
CMYK	0.00, 0.21, 0.09, 0.41
HSL	327°, 13%, 53%
HSV	327°, 21%, 59%
XYZ	23.6144, 21.4553, 26.1867
YIQ	130.2070, 13.0190, 11.8590

Conversions

Conversions Part 2

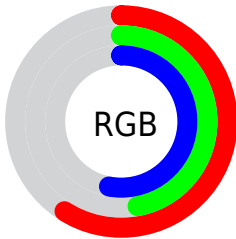
Format	Color
R_{YB}	150, 119, 136
Decimal	9861000
CIE _{Lab}	53.44, 15.00, -4.64
CIE _{LCh}	53, 15.702, 342.794
Yxy	21.4553, 0.3314, 0.3011
Android (android.graphics.Color)	4288051080 (0xFF967788)
YUV	130.2070, 2.8559, 17.3585
Hunter-Lab	46.3199, 9.9415, -1.0954

Details

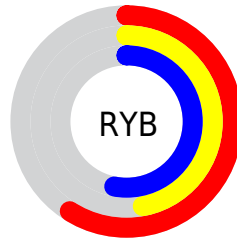
The Yxy color $21.4553, 0.3314, 0.3011$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.4206, 0.2975, 0.3587$, and the grayscale version is $22.3863, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.6373, 0.3272, 0.3070$, and $7.7049, 0.3397, 0.2903$ is the 20% darker color. If you saturate the color by 10%, you get $17.9767, 0.3431, 0.2869$, and if you desaturate by 10%, it is $25.5113, 0.3215, 0.3150$.

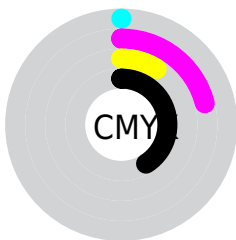
Distribution



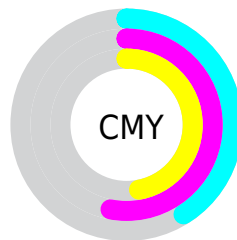
- Red (59%)
- Green (47%)
- Blue (53%)



- Red (59%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (41%)




- Cyan (41%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.4553, 0.3314, 0.3011 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 21.4553, 0.3314, 0.3011 by changing the saturation by 10% instead.

 21.4553, 0.3314,
0.3011


 21.4553, 0.3314,
0.3011


259.6884, 0.3210,
0.3166

 13.4572, 0.3344,
0.2966


 45.8441, 0.3273,
0.3071

 7.7441, 0.3386,
0.2905


 63.0035, 0.3259,
0.3093

 3.9317, 0.3448,
0.2815


 83.9856, 0.3247,
0.3110

 1.6354, 0.3549,
0.2670

109.1746, 0.3237,
0.3125

 0.3813, 0.3939,
0.2061

138.9550, 0.3229,
0.3137

 0.0000, 0.0000,
0.0000

173.7112, 0.3222,

0.3148

213.8275, 0.3216,
0.3157

■ 21.4553, 0.3314,
0.3011

■ 21.4553, 0.3314,
0.3011

■ 17.9767, 0.3431,
0.2869

■ 25.5113, 0.3215,
0.3150

■ 15.0460, 0.3569,
0.2728

■ 30.1668, 0.3132,
0.3282

■ 12.6357, 0.3728,
0.2595


■ 35.4460, 0.3063,
0.3406

■ 10.7142, 0.3908,
0.2479


■ 41.3710, 0.3005,
0.3521

■ 9.2470, 0.4105,
0.2391


■ 47.9629, 0.2958,
0.3627

 8.1946, 0.4314,
0.2342


 55.2417, 0.2918,
0.3725

 7.5109, 0.4526,
0.2342

 63.2267, 0.2885,
0.3815

 7.0946, 0.4724,
0.2376

 71.9364, 0.2857,
0.3897

 81.3885, 0.2835,
0.3972

Harmonies

Analogous

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



21.4553, 0.3025, 0.2865



21.4553, 0.3314, 0.3011



21.4553, 0.3560, 0.3225

Triad

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



21.4553, 0.3314, 0.3011



21.4553, 0.3476, 0.3788



21.4553, 0.2598, 0.3076

Complementary

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



21.4553, 0.3314, 0.3011



27.4206, 0.2975, 0.3587

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.



21.4553, 0.2708, 0.3335



21.4553, 0.3314, 0.3011



21.4553, 0.3209, 0.3765

Square

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



21.4553, 0.3314, 0.3011



21.4553, 0.3654, 0.3671



21.4553, 0.2929, 0.3595



21.4553, 0.2622, 0.2892

Rectangle

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



21.4553, 0.3314, 0.3011



21.4553, 0.3661, 0.3384



21.4553, 0.2929, 0.3595



21.4553, 0.2621, 0.3157

Sweetspot

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



21.4563, 0.3314, 0.3011



48.6239, 0.3176, 0.3210



20.3807, 0.2950, 0.2762



10.6732, 0.3180, 0.3203



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.



21.4563, 0.3314, 0.3011



34.7764, 0.3369, 0.2942



21.0486, 0.3505, 0.3265



5.8654, 0.3202, 0.3169



5.8929, 0.4710, 0.2368



0.0781, 0.3921, 0.1934

Inverse Universe

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



21.4563, 0.3314, 0.3011



34.7764, 0.3369, 0.2942



27.8789, 0.2841, 0.3316



5.8654, 0.3202, 0.3169



5.8929, 0.4710, 0.2368



0.0781, 0.3921, 0.1934

Previews

White Background



This preview shows how the Yxy color 21.4553, 0.3314, 0.3011 looks on a white background.

Color Contrast Check

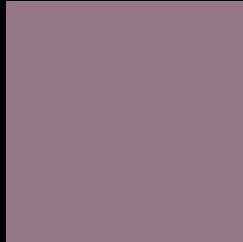
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4553, 0.3314, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

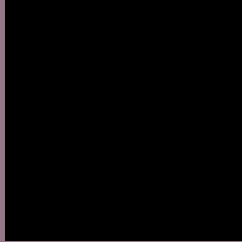
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4553, 0.3314, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 21.4553, 0.3314, 0.3011.



This preview shows how white text looks on a background with the Yxy color 21.4553, 0.3314, 0.3011.

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

21.4553, 0.3314, 0.3011

Protanopia

21.5375, 0.2967, 0.3043

Deuteranopia

21.4829, 0.3160, 0.3100



Tritanopia

21.4075, 0.3385, 0.3141

Trichromacy



Original Color

21.4553, 0.3314, 0.3011

Protanomaly

21.4303, 0.3092, 0.3031

Deuteranomaly

21.4191, 0.3223, 0.3070

Tritanomaly

21.4884, 0.3348, 0.3091

Monochromacy



Original Color

21.4553, 0.3314, 0.3011

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.9060, 0.3192, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4553, 0.3314, 0.3011 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, 119, 136)` looks like.

```
.text, #text, p{  
    color:rgb(150, 119, 136)  
}
```

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, 119, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 119, 136) }
```

Border

The CSS property to change the border of an element to Yxy 21.4553, 0.3314, 0.3011 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, 119, 136) }
```

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

```
.border{ border-color:rgb(150, 119, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 119, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 119, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 119, 136);  
box-shadow:4px 4px 4px 4px rgb(150, 119,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4553, 0.3314, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 119, 136) }
```

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

```
.background{ background-color: rgb(150,  
119, 136) }
```

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