

Converting Colors

$Y_{xy}(21.4026, 0.3157, 0.2981)$

Have a look what the booklet for
Yxy(21.4026, 0.3157, 0.2981)
contains.

Yxy(21.4752, 0.3153, 0.2986)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.4752, 0.3153, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	8D7A8C
RGB	141, 122, 140
RGB Percent	55%, 48%, 55%
CMY	0.4471, 0.5215, 0.4509
CMYK	0.00, 0.13, 0.01, 0.45
HSL	303°, 8%, 52%
HSV	303°, 13%, 55%
XYZ	22.6763, 21.4752, 27.7682
YIQ	129.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

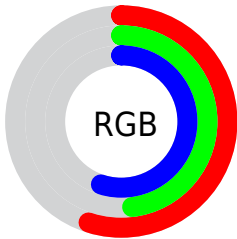
Format	Color
R_{YB}	141, 122, 140
Decimal	9271948
CIE _{Lab}	53.47, 10.69, -7.06
CIE _{LCh}	53, 12.811, 326.543
Yxy	21.4752, 0.3153, 0.2986
Android (android.graphics.Color)	4287462028 (0xFF8D7A8C)
YUV	129.7330, 5.0616, 9.8812
Hunter-Lab	46.3413, 6.2482, -3.0882

Details

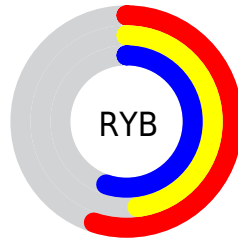
The Yxy color $21.4752, 0.3153, 0.2986$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.6117, 0.3102, 0.3614$, and the grayscale version is $22.2044, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.7692, 0.3148, 0.3041$, and $7.7274, 0.3166, 0.2864$ is the 20% darker color. If you saturate the color by 10%, you get $18.2402, 0.3174, 0.2755$, and if you desaturate by 10%, it is $25.2145, 0.3133, 0.3213$.

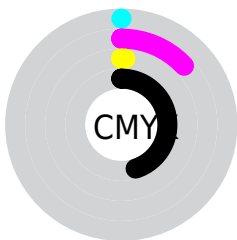
Distribution



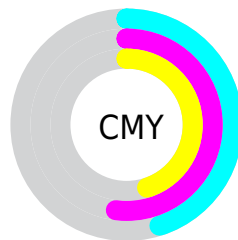
- Red (55%)
- Green (48%)
- Blue (55%)



- Red (55%)
- Yellow (48%)
- Blue (55%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (45%)





- Cyan (45%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.4752, 0.3153, 0.2986 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 21.4752, 0.3153, 0.2986 by changing the saturation by 10% instead.


 21.4752, 0.3153,
0.2986


 21.4752, 0.3153,
0.2986


259.7932, 0.3140,
0.3154


 13.4718, 0.3156,
0.2938


 45.8771, 0.3148,
0.3052

 7.7542, 0.3160,
0.2871


 63.0443, 0.3147,
0.3075

 3.9381, 0.3165,
0.2774

 84.0350, 0.3145,
0.3094

 1.6390, 0.3170,
0.2618

109.2335, 0.3144,
0.3110

 0.3837, 0.3257,
0.1997

139.0241, 0.3143,
0.3123

 0.0000, 0.0000,
0.0000

173.7914, 0.3142,

0.3135

213.9196, 0.3141,
0.3145

■ 21.4752, 0.3153,
0.2986

■ 21.4752, 0.3153,
0.2986

■ 18.2402, 0.3174,
0.2755

■ 25.2145, 0.3133,
0.3213

■ 15.4852, 0.3197,
0.2526

■ 29.4755, 0.3116,
0.3432

■ 13.1879, 0.3220,
0.2307

■ 34.2782, 0.3100,
0.3638

■ 11.3235, 0.3243,
0.2107

■ 39.6409, 0.3086,
0.3831

■ 9.8645, 0.3267,
0.1934

■ 45.5808, 0.3073,
0.4009

■ 8.7804, 0.3288,
0.1796

■ 52.1145, 0.3062,
0.4172

■ 8.0365, 0.3308,
0.1697

■ 59.2579, 0.3053,
0.4320

■ 7.5910, 0.3326,
0.1639

■ 67.0263, 0.3044,
0.4456

■ 7.3777, 0.3337,
0.1612

■ 75.4345, 0.3037,
0.4578

Harmonies

Analogous

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



21.4752, 0.2926, 0.2908



21.4752, 0.3153, 0.2986



21.4752, 0.3380, 0.3137

Triad

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



21.4752, 0.3153, 0.2986



21.4752, 0.3504, 0.3658



21.4752, 0.2729, 0.3228

Complementary

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



21.4752, 0.3153, 0.2986



24.6117, 0.3102, 0.3614

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.



21.4752, 0.2874, 0.3446



21.4752, 0.3153, 0.2986



21.4752, 0.3319, 0.3701

Square

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



21.4752, 0.3153, 0.2986



21.4752, 0.3587, 0.3519



21.4752, 0.3088, 0.3624



21.4752, 0.2688, 0.3038

Rectangle

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



21.4752, 0.3153, 0.2986



21.4752, 0.3499, 0.3263



21.4752, 0.3088, 0.3624



21.4752, 0.2767, 0.3301

Sweetspot

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



21.4761, 0.3153, 0.2986



44.7206, 0.3135, 0.3199



20.0513, 0.2931, 0.2949



9.8806, 0.3136, 0.3184



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



21.4761, 0.3153, 0.2986



36.7082, 0.3159, 0.2919



21.2085, 0.3262, 0.3144



5.5064, 0.3144, 0.3084



6.7298, 0.3337, 0.1612



0.0653, 0.3268, 0.1574

Inverse Universe

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



21.4761, 0.3153, 0.2986



36.7082, 0.3159, 0.2919



24.8605, 0.3010, 0.3441



5.5064, 0.3144, 0.3084



6.7298, 0.3337, 0.1612



0.0653, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 21.4752, 0.3153, 0.2986 looks on a white background.

Color Contrast Check

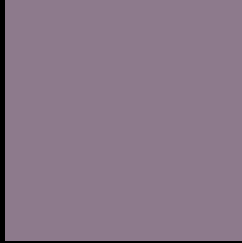
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4752, 0.3153, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

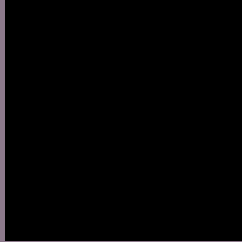
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.4752, 0.3153, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 21.4752, 0.3153, 0.2986.



This preview shows how white text looks on a background with the Yxy color 21.4752, 0.3153, 0.2986.

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

21.4752, 0.3153, 0.2986

Protanopia

21.5975, 0.2946, 0.3008

Deuteranopia

21.4596, 0.3081, 0.3014



Tritanopia

21.4348, 0.3220, 0.3119

Trichromacy



Original Color

21.4752, 0.3153, 0.2986

Protanomaly

21.4455, 0.3013, 0.2995

Deuteranomaly

21.3777, 0.3105, 0.2999

Tritanomaly

21.5189, 0.3186, 0.3068

Monochromacy



Original Color

21.4752, 0.3153, 0.2986

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.9683, 0.3133, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.4752, 0.3153, 0.2986 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(141, 122, 140)` looks like.

```
.text, #text, p{  
    color:rgb(141, 122, 140)  
}
```

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(141, 122, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 122, 140) }
```

Border

The CSS property to change the border of an element to Yxy 21.4752, 0.3153, 0.2986 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(141, 122, 140) }
```

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

```
.border{ border-color:rgb(141, 122, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 122, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 122, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 122, 140);  
box-shadow:4px 4px 4px 4px rgb(141, 122,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 21.4752, 0.3153, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 122, 140) }
```

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

```
.background{ background-color: rgb(141,  
122, 140) }
```

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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