

Converting Colors

$Y_{xy}(23.1062, 0.3155, 0.3001)$

Have a look what the booklet for
Yxy(23.1062, 0.3155, 0.3001)
contains.

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Color

Yxy(22.9551, 0.3153, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	917E90
RGB	145, 126, 144
RGB Percent	57%, 49%, 56%
CMY	0.4313, 0.5059, 0.4353
CMYK	0.00, 0.13, 0.01, 0.43
HSL	303°, 8%, 53%
HSV	303°, 13%, 57%
XYZ	24.1742, 22.9551, 29.5411
YIQ	133.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

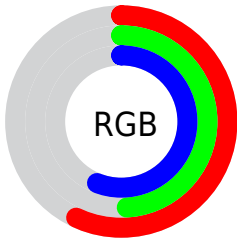
Format	Color
R_{YB}	145, 126, 144
Decimal	9535120
CIE Lab	55.03, 10.65, -7.02
CIE LCh	55, 12.749, 326.612
Yxy	22.9551, 0.3153, 0.2994
Android (android.graphics.Color)	4287725200 (0xFF917E90)
YUV	133.7330, 5.0616, 9.8812
Hunter-Lab	47.9115, 6.2187, -3.0188

Details

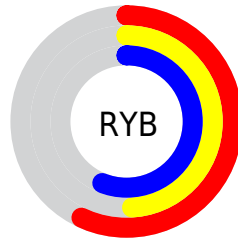
The Yxy color $22.9551, 0.3153, 0.2994$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $26.2248, 0.3102, 0.3605$, and the grayscale version is $23.7178, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4595, 0.3147, 0.3058$, and $8.4956, 0.3147, 0.2877$ is the 20% darker color. If you saturate the color by 10%, you get $19.4886, 0.3175, 0.2763$, and if you desaturate by 10%, it is $26.9614, 0.3133, 0.3221$.

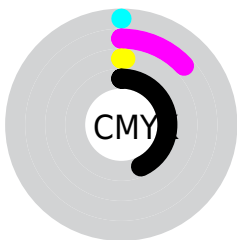
Distribution



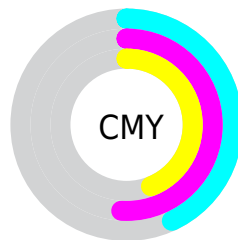
- Red (57%)
- Green (49%)
- Blue (56%)



- Red (57%)
- Yellow (49%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (43%)





- Cyan (43%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9551, 0.3153, 0.2994 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 22.9551, 0.3153, 0.2994 by changing the saturation by 10% instead.


 22.9551, 0.3153,
0.2994


 22.9551, 0.3153,
0.2994


267.4943, 0.3140,
0.3156


 14.5604, 0.3156,
0.2948


 48.3196, 0.3148,
0.3057

 8.5114, 0.3160,
0.2885


 66.0581, 0.3147,
0.3079

 4.4239, 0.3165,
0.2794

 87.6801, 0.3145,
0.3098

 1.9134, 0.3171,
0.2651

113.5698, 0.3144,
0.3113

 0.5564, 0.3222,
0.2273

144.1116, 0.3143,
0.3126

 0.0000, 0.0000,
0.0000

179.6901, 0.3142,

0.3138

220.6895, 0.3141,
0.3148

■ 22.9551, 0.3153,
0.2994

■ 22.9551, 0.3153,
0.2994

■ 19.4886, 0.3175,
0.2763

■ 26.9614, 0.3133,
0.3221

■ 16.5360, 0.3198,
0.2534

■ 31.5261, 0.3115,
0.3439

■ 14.0734, 0.3222,
0.2314

■ 36.6707, 0.3099,
0.3645

■ 12.0741, 0.3246,
0.2114

■ 42.4147, 0.3084,
0.3837

■ 10.5090, 0.3271,
0.1940

■ 48.7765, 0.3072,
0.4014

■ 9.3453, 0.3293,
0.1801

■ 55.7738, 0.3061,
0.4176

■ 8.5458, 0.3315,
0.1702

■ 63.4237, 0.3051,
0.4324

■ 8.0665, 0.3333,
0.1644

■ 71.7426, 0.3042,
0.4458

■ 7.8344, 0.3346,
0.1617

■ 79.7760, 0.3036,
0.4567

Harmonies

Analogous

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



22.9551, 0.2932, 0.2918



22.9551, 0.3153, 0.2994



22.9551, 0.3374, 0.3142

Triad

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



22.9551, 0.3153, 0.2994



22.9551, 0.3493, 0.3648



22.9551, 0.2739, 0.3229

Complementary

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



22.9551, 0.3153, 0.2994



26.2248, 0.3102, 0.3605

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.



22.9551, 0.2880, 0.3442



22.9551, 0.3153, 0.2994



22.9551, 0.3314, 0.3689

Square

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



22.9551, 0.3153, 0.2994



22.9551, 0.3574, 0.3513



22.9551, 0.3089, 0.3614



22.9551, 0.2699, 0.3044

Rectangle

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



22.9551, 0.3153, 0.2994



22.9551, 0.3489, 0.3264



22.9551, 0.3089, 0.3614



22.9551, 0.2776, 0.3300

Sweetspot

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



22.9561, 0.3153, 0.2994



47.5337, 0.3135, 0.3199



21.4741, 0.2936, 0.2958



10.4586, 0.3136, 0.3184



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.



22.9561, 0.3153, 0.2994



38.9991, 0.3160, 0.2920



22.6794, 0.3259, 0.3147



5.5061, 0.3145, 0.3084



6.7191, 0.3345, 0.1616



0.0652, 0.3271, 0.1576

Inverse Universe

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



22.9561, 0.3153, 0.2994



38.9991, 0.3160, 0.2920



26.4827, 0.3012, 0.3437



5.5061, 0.3145, 0.3084



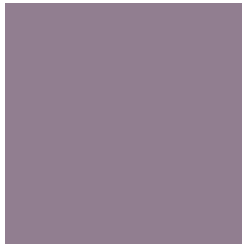
6.7191, 0.3345, 0.1616



0.0652, 0.3271, 0.1576

Previews

White Background



This preview shows how the Yxy color 22.9551, 0.3153, 0.2994 looks on a white background.

Color Contrast Check

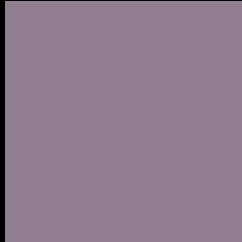
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9551, 0.3153, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

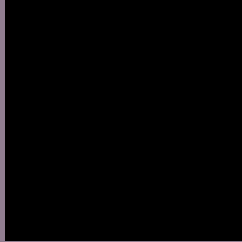
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9551, 0.3153, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 22.9551, 0.3153, 0.2994.



This preview shows how white text looks on a background with the Yxy color 22.9551, 0.3153, 0.2994.

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

22.9551, 0.3153, 0.2994

Protanopia

23.0850, 0.2951, 0.3016

Deuteranopia

22.9409, 0.3082, 0.3022



Tritanopia

22.9142, 0.3218, 0.3123

Trichromacy



Original Color

22.9551, 0.3153, 0.2994

Protanomaly

22.9267, 0.3016, 0.3002

Deuteranomaly

22.8551, 0.3106, 0.3007

Tritanomaly

23.0015, 0.3184, 0.3074

Monochromacy



Original Color

22.9551, 0.3153, 0.2994

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.4709, 0.3133, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9551, 0.3153, 0.2994 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, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(145, 126, 144)  
}
```

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, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 126, 144) }
```

Border

The CSS property to change the border of an element to Yxy 22.9551, 0.3153, 0.2994 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, 126, 144) }
```

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

```
.border{ border-color:rgb(145, 126, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 126, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 126, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 126, 144); box-shadow:4px 4px 4px 4px rgb(145, 126, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9551, 0.3153, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 126, 144) }
```

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

```
.background{ background-color: rgb(145,  
126, 144) }
```

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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