

Converting Colors

$Y_{xy}(22.9625, 0.3154, 0.3050)$

Have a look what the booklet for
Yxy(22.9625, 0.3154, 0.3050)
contains.

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Color

Yxy(22.9714, 0.3151, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	8F7F8E
RGB	143, 127, 142
RGB Percent	56%, 50%, 56%
CMY	0.4391, 0.5020, 0.4432
CMYK	0.00, 0.11, 0.01, 0.44
HSL	304°, 7%, 53%
HSV	304°, 11%, 56%
XYZ	23.8023, 22.9714, 28.7652
YIQ	133.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

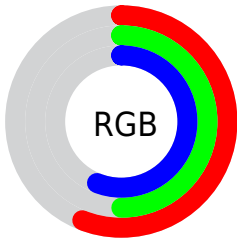
Format	Color
R_{YB}	143, 127, 142
Decimal	9404302
CIE _{Lab}	55.04, 8.94, -5.84
CIE _{LCh}	55, 10.681, 326.830
Yxy	22.9714, 0.3151, 0.3041
Android (android.graphics.Color)	4287594382 (0xFF8F7F8E)
YUV	133.4940, 4.1935, 8.3368
Hunter-Lab	47.9285, 4.7721, -2.0341

Details

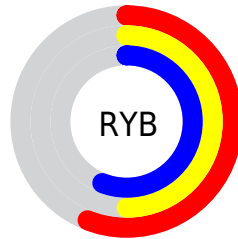
The Yxy color $22.9714, 0.3151, 0.3041$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $25.7247, 0.3104, 0.3552$, and the grayscale version is $23.6295, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.4984, 0.3145, 0.3093$, and $8.5486, 0.3161, 0.2947$ is the 20% darker color. If you saturate the color by 10%, you get $19.5088, 0.3174, 0.2813$, and if you desaturate by 10%, it is $26.9607, 0.3130, 0.3264$.

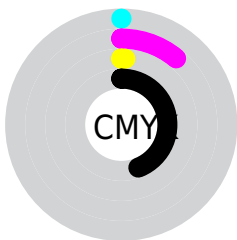
Distribution



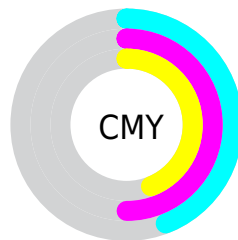
- Red (56%)
- Green (50%)
- Blue (56%)



- Red (56%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (44%)





- Cyan (44%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9714, 0.3151, 0.3041 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 22.9714, 0.3151, 0.3041 by changing the saturation by 10% instead.

 22.9714, 0.3151,
0.3041


 22.9714, 0.3151,
0.3041


267.5781, 0.3139,
0.3178


 14.5724, 0.3154,
0.3002


 48.3464, 0.3146,
0.3094

 8.5198, 0.3158,
0.2948


 66.0911, 0.3145,
0.3113

 4.4293, 0.3163,
0.2871

 87.7199, 0.3143,
0.3129

 1.9165, 0.3170,
0.2747

113.6171, 0.3142,
0.3142

 0.5583, 0.3222,
0.2402

144.1671, 0.3141,
0.3153

 0.0000, 0.0000,
0.0000

179.7544, 0.3140,

0.3162

220.7632, 0.3139,
0.3171

■ 22.9714, 0.3151,
0.3041

■ 22.9714, 0.3151,
0.3041

■ 19.5088, 0.3174,
0.2813

■ 26.9607, 0.3130,
0.3264

■ 16.5479, 0.3200,
0.2585

■ 31.4944, 0.3110,
0.3477

■ 14.0663, 0.3227,
0.2366

■ 36.5931, 0.3093,
0.3677

■ 12.0384, 0.3254,
0.2162

■ 42.2754, 0.3078,
0.3864

■ 10.4365, 0.3282,
0.1984

■ 48.5590, 0.3065,
0.4036

■ 9.2298, 0.3309,
0.1839

■ 55.4608, 0.3054,
0.4193

■ 8.3833, 0.3334,
0.1733

■ 62.9974, 0.3044,
0.4337

■ 7.8560, 0.3357,
0.1668

■ 71.1843, 0.3035,
0.4467

■ 7.5561, 0.3375,
0.1633

■ 79.5755, 0.3028,
0.4579

Harmonies

Analogous

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



22.9714, 0.2965, 0.2977



22.9714, 0.3151, 0.3041



22.9714, 0.3335, 0.3167

Triad

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



22.9714, 0.3151, 0.3041



22.9714, 0.3433, 0.3591



22.9714, 0.2800, 0.3239

Complementary

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



22.9714, 0.3151, 0.3041



25.7247, 0.3104, 0.3552

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.



22.9714, 0.2919, 0.3416



22.9714, 0.3151, 0.3041



22.9714, 0.3283, 0.3623

Square

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



22.9714, 0.3151, 0.3041



22.9714, 0.3501, 0.3480



22.9714, 0.3095, 0.3559



22.9714, 0.2767, 0.3084

Rectangle

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



22.9714, 0.3151, 0.3041



22.9714, 0.3431, 0.3271



22.9714, 0.3095, 0.3559



22.9714, 0.2831, 0.3298

Sweetspot

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



22.9724, 0.3151, 0.3041



46.8653, 0.3133, 0.3223



21.7351, 0.2966, 0.3010



10.6181, 0.3135, 0.3206



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.



22.9724, 0.3151, 0.3041



39.7661, 0.3156, 0.2994



22.7469, 0.3237, 0.3169



5.5051, 0.3146, 0.3087



6.6793, 0.3375, 0.1633



0.0650, 0.3285, 0.1583

Inverse Universe

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



22.9724, 0.3151, 0.3041



39.7661, 0.3156, 0.2994



25.9375, 0.3029, 0.3414



5.5051, 0.3146, 0.3087



6.6793, 0.3375, 0.1633



0.0650, 0.3285, 0.1583

Previews

White Background



This preview shows how the Yxy color 22.9714, 0.3151, 0.3041 looks on a white background.

Color Contrast Check

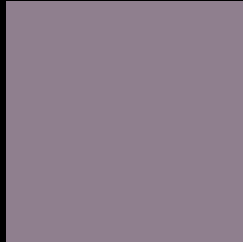
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9714, 0.3151, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

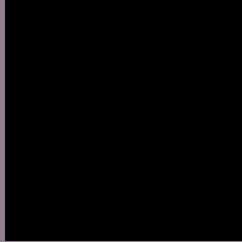
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9714, 0.3151, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 22.9714, 0.3151, 0.3041.



This preview shows how white text looks on a background with the Yxy color 22.9714, 0.3151, 0.3041.

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

22.9714, 0.3151, 0.3041

Protanopia

22.9920, 0.2981, 0.3066

Deuteranopia

22.9668, 0.3115, 0.3055



Tritanopia

23.0241, 0.3182, 0.3122

Trichromacy



Original Color

22.9714, 0.3151, 0.3041

Protanomaly

23.0993, 0.3047, 0.3069

Deuteranomaly

23.0541, 0.3127, 0.3056

Tritanomaly

23.0532, 0.3171, 0.3106

Monochromacy



Original Color

22.9714, 0.3151, 0.3041

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.3285, 0.3143, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9714, 0.3151, 0.3041 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(143, 127, 142)` looks like.

```
.text, #text, p{  
    color:rgb(143, 127, 142)  
}
```

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(143, 127, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 127, 142) }
```

Border

The CSS property to change the border of an element to Yxy 22.9714, 0.3151, 0.3041 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(143, 127, 142) }
```

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

```
.border{ border-color:rgb(143, 127, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 127, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 127, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 127, 142); box-shadow:4px 4px 4px 4px rgb(143, 127, 142) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9714, 0.3151, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 127, 142) }
```

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

```
.background{ background-color: rgb(143,  
127, 142) }
```

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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