

Converting Colors

$Y_{xy}(19.5539, 0.3028, 0.3124)$

Have a look what the booklet for
Yxy(19.5539, 0.3028, 0.3124)
contains.

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Color

Yxy(19.6953, 0.3027, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	7A7A83
RGB	122, 122, 131
RGB Percent	48%, 48%, 51%
CMY	0.5215, 0.5216, 0.4863
CMYK	0.07, 0.07, 0.00, 0.49
HSL	240°, 4%, 50%
HSV	240°, 7%, 51%
XYZ	19.0838, 19.6953, 24.2661
YIQ	123.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

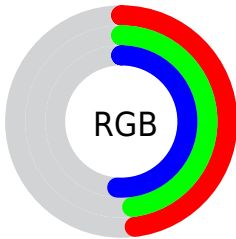
Format	Color
R_{YB}	122, 122, 131
Decimal	8026755
CIE Lab	51.49, 1.87, -4.89
CIE LCh	51, 5.240, 290.945
Yxy	19.6953, 0.3027, 0.3124
Android (android.graphics.Color)	4286216835 (0xFF7A7A83)
YUV	123.0260, 3.9312, -0.8998
Hunter-Lab	44.3794, -0.9064, -1.3534

Details

The Yxy color **19.6953, 0.3027, 0.3124** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.4593, 0.3224, 0.3451**, and the grayscale version is **19.8048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.7315, 0.3046, 0.3156**, and **6.7908, 0.2972, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **15.8022, 0.2865, 0.2855**, and if you desaturate by 10%, it is **24.1520, 0.3170, 0.3361**.

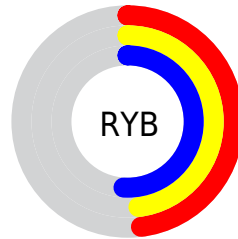
Distribution



Red (48%)

Green (48%)

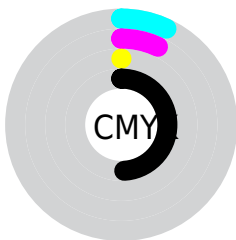
Blue (51%)



Red (48%)

Yellow (48%)

Blue (51%)

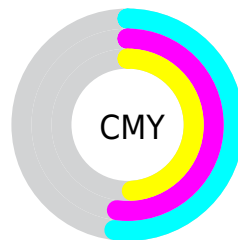


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (49%)



Cyan (52%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.6953, 0.3027, 0.3124 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 19.6953, 0.3027, 0.3124 by changing the saturation by 10% instead.

■ 19.6953, 0.3027,
0.3124

■ 19.6953, 0.3027,
0.3124

250.2608, 0.3084,
0.3218

■ 12.1738, 0.3010,
0.3096

■ 42.9057, 0.3050,
0.3162

■ 6.8621, 0.2985,
0.3056

■ 59.3634, 0.3058,
0.3175

■ 3.3760, 0.2946,
0.2995

■ 79.5686, 0.3064,
0.3185

■ 1.3311, 0.2881,
0.2892

103.9057, 0.3070,
0.3194

■ 0.1651, 0.2278,
0.1856

132.7590, 0.3074,
0.3202

■ 0.0000, 0.0000,
0.0000

166.5131, 0.3078,

0.3208

205.5522, 0.3081,
0.3214

■ 19.6953, 0.3027,
0.3124

■ 19.6953, 0.3027,
0.3124

■ 15.8022, 0.2865,
0.2855

■ 24.1520, 0.3170,
0.3361

■ 12.4480, 0.2684,
0.2556

■ 29.1910, 0.3294,
0.3567

■ 9.6096, 0.2487,
0.2230

■ 34.8329, 0.3402,
0.3746

■ 7.2615, 0.2281,
0.1889

■ 41.0969, 0.3495,
0.3900

■ 5.3759, 0.2075,
0.1549

■ 48.0011, 0.3575,
0.4032

■ 3.9223, 0.1884,
0.1232

■ 55.5630, 0.3643,
0.4146

■ 2.8665, 0.1721,
0.0964

■ 63.7994, 0.3703,
0.4245

■ 2.1692, 0.1601,
0.0765

■ 72.7263, 0.3754,
0.4330

■ 1.7559, 0.1524,
0.0638

■ 82.3596, 0.3798,
0.4404

Harmonies

Analogous

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



19.6953, 0.2961, 0.3142



19.6953, 0.3027, 0.3124



19.6953, 0.3121, 0.3150

Triad

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



19.6953, 0.3027, 0.3124



19.6953, 0.3320, 0.3376



19.6953, 0.3036, 0.3371

Complementary

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



19.6953, 0.3027, 0.3124



22.4593, 0.3224, 0.3451

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.



19.6953, 0.3131, 0.3437



19.6953, 0.3027, 0.3124



19.6953, 0.3296, 0.3438

Square

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



19.6953, 0.3027, 0.3124



19.6953, 0.3291, 0.3293



19.6953, 0.3226, 0.3461



19.6953, 0.2966, 0.3283

Rectangle

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



19.6953, 0.3027, 0.3124



19.6953, 0.3187, 0.3187



19.6953, 0.3226, 0.3461



19.6953, 0.3066, 0.3396

Sweetspot

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



19.6961, 0.3027, 0.3124



38.9945, 0.3098, 0.3242



22.0070, 0.3025, 0.3290



9.1048, 0.3100, 0.3245



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



19.6961, 0.3027, 0.3124



34.2996, 0.3007, 0.3090



20.0306, 0.3080, 0.3127



4.5450, 0.2992, 0.3066



1.6149, 0.1501, 0.0601



0.0056, 0.1506, 0.0603

Inverse Universe

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



20.3815, 0.3135, 0.3130



35.7501, 0.3136, 0.3099



22.1095, 0.3172, 0.3453



4.7627, 0.3138, 0.3076



6.3550, 0.3215, 0.1545



0.0220, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 19.6953, 0.3027, 0.3124 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 19.6953, 0.3027, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

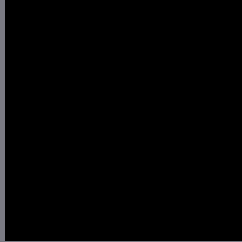
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

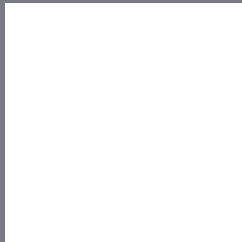
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.6953, 0.3027, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 19.6953, 0.3027, 0.3124.



This preview shows how white text looks on a background with the Yxy color 19.6953, 0.3027, 0.3124.

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

19.6953, 0.3027, 0.3124

Protanopia

19.6953, 0.3027, 0.3124

Deuteranopia

19.6054, 0.3113, 0.3057



Tritanopia

19.7226, 0.3016, 0.3106

Trichromacy



Original Color

19.6953, 0.3027, 0.3124

Protanomaly

19.6953, 0.3027, 0.3124

Deuteranomaly

19.6109, 0.3076, 0.3073

Tritanomaly

19.7226, 0.3016, 0.3106

Monochromacy



Original Color

19.6953, 0.3027, 0.3124

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.8832, 0.3094, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6953, 0.3027, 0.3124 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(122, 122, 131)` looks like.

```
.text, #text, p{  
    color:rgb(122, 122, 131)  
}
```

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(122, 122, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 122, 131) }
```

Border

The CSS property to change the border of an element to Yxy 19.6953, 0.3027, 0.3124 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(122, 122, 131) }
```

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

```
.border{ border-color:rgb(122, 122, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 122, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(122, 122,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6953, 0.3027, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 122, 131) }
```

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

```
.background{ background-color: rgb(122,  
122, 131) }
```

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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