

Converting Colors

$Y_{xy}(19.7062, 0.2674, 0.3094)$

Have a look what the booklet for
Yxy(19.7062, 0.2674, 0.3094)
contains.

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Color

Yxy(19.7062, 0.2674, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	5F808A
RGB	95, 128, 138
RGB Percent	37%, 50%, 54%
CMY	0.6272, 0.4981, 0.4588
CMYK	0.31, 0.07, 0.00, 0.46
HSL	194°, 18%, 46%
HSV	194°, 31%, 54%
XYZ	17.0312, 19.7062, 26.9543
YIQ	119.2730, -22.8780, -3.8860

Conversions

Conversions Part 2

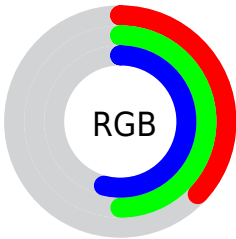
Format	Color
R_{YB}	95, 114, 138
Decimal	6258826
CIE _{Lab}	51.50, -9.08, -9.19
CIE _{LCh}	52, 12.921, 225.365
Yxy	19.7062, 0.2674, 0.3094
Android (android.graphics.Color)	4284448906 (0xFF5F808A)
YUV	119.2730, 9.2324, -21.2874
Hunter-Lab	44.3917, -9.2027, -4.9263

Details

The Yxy color **19.7062, 0.2674, 0.3094** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3518, 0.3745, 0.3477**, and the grayscale version is **18.5186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0124, 0.2780, 0.3150**, and **6.8774, 0.2491, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **18.2049, 0.2540, 0.3021**, and if you desaturate by 10%, it is **21.3667, 0.2816, 0.3163**.

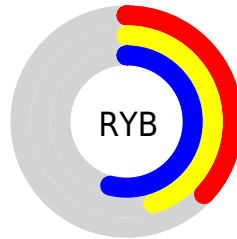
Distribution



Red (37%)

Green (50%)

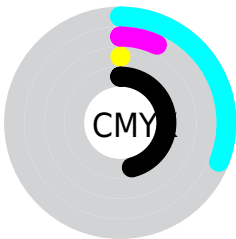
Blue (54%)



Red (37%)

Yellow (45%)

Blue (54%)

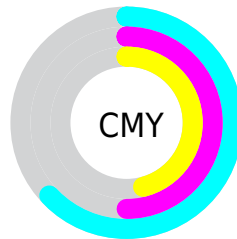


Cyan (31%)

Magenta (7%)

Yellow (0%)

Black (46%)



Cyan (63%)

Magenta (50%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.7062, 0.2674, 0.3094 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 19.7062, 0.2674, 0.3094 by changing the saturation by 10% instead.

■ 19.7062, 0.2674,
0.3094

■ 19.7062, 0.2674,
0.3094

■ 250.3201, 0.2929,
0.3209

■ 12.1817, 0.2598,
0.3058

■ 42.9241, 0.2775,
0.3141

■ 6.8675, 0.2493,
0.3005

■ 59.3862, 0.2810,
0.3157

■ 3.3794, 0.2336,
0.2923

■ 79.5962, 0.2839,
0.3170

■ 1.3329, 0.2078,
0.2777

■ 103.9387, 0.2863,
0.3180

■ 0.1664, 0.0000,
0.1680

■ 132.7979, 0.2884,
0.3189

■ 0.0000, 0.0000,
0.0000

166.5583, 0.2901,

0.3197

205.6042, 0.2916,
0.3204

■ 19.7062, 0.2674,
0.3094

■ 19.7062, 0.2674,
0.3094

■ 18.2049, 0.2540,
0.3021

■ 21.3667, 0.2816,
0.3163

■ 16.8533, 0.2417,
0.2943

■ 23.1907, 0.2962,
0.3226

■ 15.6444, 0.2307,
0.2862

■ 25.1852, 0.3111,
0.3284

■ 14.5696, 0.2213,
0.2779

■ 27.3561, 0.3259,
0.3336

■ 13.6192, 0.2137,
0.2696

■ 29.7089, 0.3405,
0.3383

■ 12.7817, 0.2080,
0.2612

■ 32.2489, 0.3547,
0.3425

■ 12.1037, 0.2038,
0.2538

■ 34.9812, 0.3685,
0.3462

■ 37.9106, 0.3816,
0.3494

■ 41.0418, 0.3942,
0.3522

Harmonies

Analogous

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



19.7062, 0.2759, 0.3310



19.7062, 0.2674, 0.3094



19.7062, 0.2704, 0.2943

Triad

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



19.7062, 0.2674, 0.3094



19.7062, 0.3306, 0.3066



19.7062, 0.3407, 0.3714

Complementary

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



19.7062, 0.2674, 0.3094



16.3518, 0.3745, 0.3477

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.



19.7062, 0.3565, 0.3627



19.7062, 0.2674, 0.3094



19.7062, 0.3507, 0.3254

Square

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



19.7062, 0.2674, 0.3094



19.7062, 0.3062, 0.2935



19.7062, 0.3603, 0.3457



19.7062, 0.3177, 0.3681

Rectangle

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



19.7062, 0.2674, 0.3094



19.7062, 0.2787, 0.2896



19.7062, 0.3603, 0.3457



19.7062, 0.3470, 0.3697

Sweetspot

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



19.7070, 0.2674, 0.3094



41.5248, 0.2991, 0.3238



21.6378, 0.2992, 0.3955



9.2161, 0.2972, 0.3230



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



19.7070, 0.2674, 0.3094



32.9352, 0.2584, 0.3046



14.6862, 0.2625, 0.2655



5.4941, 0.2991, 0.3238



11.1184, 0.2039, 0.2541



0.0961, 0.2148, 0.2931

Inverse Universe

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



15.1581, 0.3299, 0.2707



23.8608, 0.3346, 0.2580



21.2962, 0.3634, 0.3853



5.1093, 0.3170, 0.3124



5.9066, 0.3882, 0.1912



0.0415, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 19.7062, 0.2674, 0.3094 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 19.7062, 0.2674, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

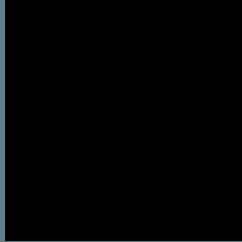
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7062, 0.2674, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 19.7062, 0.2674, 0.3094.

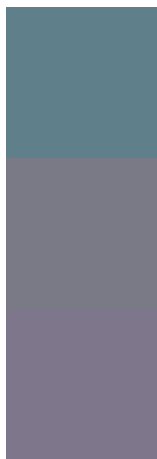


This preview shows how white text looks on a background with the Yxy color 19.7062, 0.2674, 0.3094.

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

19.7062, 0.2674, 0.3094

Protanopia

19.7052, 0.2982, 0.3069

Deuteranopia

19.5227, 0.2976, 0.2914



Tritanopia

19.7062, 0.2674, 0.3094

Trichromacy



Original Color

19.7062, 0.2674, 0.3094

Protanomaly

19.6093, 0.2871, 0.3082

Deuteranomaly

19.4280, 0.2862, 0.2975

Tritanomaly

19.7062, 0.2674, 0.3094

Monochromacy



Original Color

19.7062, 0.2674, 0.3094

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.7404, 0.2940, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7062, 0.2674, 0.3094 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(95, 128, 138) looks like.

```
.text, #text, p{  
    color:rgb(95, 128, 138)  
}
```

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(95, 128, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 128, 138) }
```

Border

The CSS property to change the border of an element to Yxy 19.7062, 0.2674, 0.3094 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(95, 128, 138) }
```

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

```
.border{ border-color:rgb(95, 128, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 128, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 128, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 128, 138);  
box-shadow:4px 4px 4px 4px rgb(95, 128,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 19.7062, 0.2674, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 128, 138) }
```

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

```
.background{ background-color: rgb(95, 128,  
138) }
```

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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