

Converting Colors

$Y_{xy}(19.6791, 0.2274, 0.3223)$

Have a look what the booklet for
Yxy(19.6791, 0.2274, 0.3223)
contains.

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Color

Yxy(19.6920, 0.2274, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	1A888B
RGB	26, 136, 139
RGB Percent	10%, 53%, 55%
CMY	0.8983, 0.4666, 0.4549
CMYK	0.81, 0.02, 0.00, 0.45
HSL	182°, 69%, 32%
HSV	182°, 81%, 55%
XYZ	13.8895, 19.6920, 27.4979
YIQ	103.4520, -66.5230, -22.3870

Conversions

Conversions Part 2

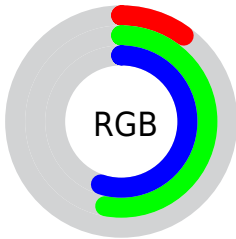
Format	Color
R_{YB}	26, 82, 139
Decimal	1738891
CIE _{Lab}	51.49, -27.53, -10.06
CIE _{LCh}	51, 29.312, 200.074
Yxy	19.6920, 0.2274, 0.3224
Android (android.graphics.Color)	4279928971 (0xFF1A888B)
YUV	103.4520, 17.5252, -67.9254
Hunter-Lab	44.3757, -21.7874, -5.6768

Details

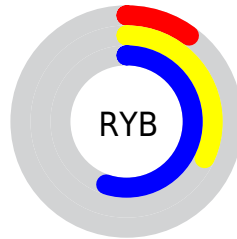
The Yxy color **19.6920, 0.2274, 0.3224** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **6.4399, 0.5830, 0.3331**, and the grayscale version is **13.6511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.9598, 0.2460, 0.3258**, and **7.3768, 0.2220, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **19.4485, 0.2243, 0.3216**, and if you desaturate by 10%, it is **20.0260, 0.2322, 0.3233**.

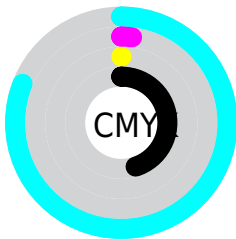
Distribution



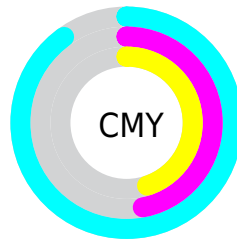
- Red (10%)
- Green (53%)
- Blue (55%)



- Red (10%)
- Yellow (32%)
- Blue (55%)



- Cyan (81%)
- Magenta (2%)
- Yellow (0%)
- Black (45%)




- Cyan (90%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6920, 0.2274, 0.3224 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 19.6920, 0.2274, 0.3224 by changing the saturation by 10% instead.


 19.6920, 0.2274,
0.3224


 19.6920, 0.2274,
0.3224


 250.2428, 0.2749,
0.3275


 12.1714, 0.2138,
0.3202


 42.9002, 0.2459,
0.3248


 6.8605, 0.1951,
0.3167


 59.3565, 0.2525,
0.3255

 3.3750, 0.1684,
0.3102

 79.5602, 0.2579,
0.3261

 1.3305, 0.1206,
0.2991

 103.8957, 0.2624,
0.3265

 0.1646, 0.0000,
0.1572

 132.7473, 0.2662,
0.3268

 0.0000, 0.0000,
0.0000

 166.4994, 0.2695,

0.3271

205.5364, 0.2724,
0.3273

■ 19.6920, 0.2274,
0.3224

■ 19.6920, 0.2274,
0.3224

■ 19.4485, 0.2243,
0.3216

■ 20.0260, 0.2322,
0.3233

■ 19.2804, 0.2225,
0.3208

■ 20.4598, 0.2389,
0.3241

■ 21.0037, 0.2473,
0.3250

■ 21.6663, 0.2574,
0.3259

■ 22.4553, 0.2690,
0.3267

■ 23.3777, 0.2820,
0.3275

■ 24.4400, 0.2960,
0.3282

■ 25.6484, 0.3107,
0.3289

■ 27.0086, 0.3259,
0.3296

Harmonies

Analogous

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



19.6920, 0.2623, 0.3777



19.6920, 0.2274, 0.3224



19.6920, 0.2144, 0.2757

Triad

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



19.6920, 0.2274, 0.3224



19.6920, 0.3051, 0.2567



19.6920, 0.4063, 0.4059

Complementary

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



19.6920, 0.2274, 0.3224



6.4399, 0.5830, 0.3331

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.



19.6920, 0.4219, 0.3678



19.6920, 0.2274, 0.3224



19.6920, 0.3608, 0.2858

Square

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



19.6920, 0.2274, 0.3224



19.6920, 0.2560, 0.2432



19.6920, 0.4052, 0.3250



19.6920, 0.3655, 0.4274

Rectangle

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



19.6920, 0.2274, 0.3224



19.6920, 0.2186, 0.2554



19.6920, 0.4052, 0.3250



19.6920, 0.4148, 0.3944

Sweetspot

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



19.6927, 0.2274, 0.3224



41.3076, 0.2777, 0.3272



18.7695, 0.3006, 0.5718



9.3971, 0.2736, 0.3270



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.



19.6927, 0.2274, 0.3224



34.5442, 0.2227, 0.3208



7.9071, 0.1930, 0.1908



5.6662, 0.2991, 0.3284



17.4032, 0.2225, 0.3209



0.1189, 0.2236, 0.3251

Inverse Universe

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



8.0035, 0.3256, 0.1685



13.0563, 0.3275, 0.1585



11.9604, 0.4918, 0.4191



5.1267, 0.3141, 0.3080



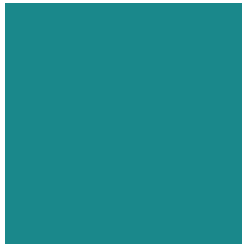
6.5411, 0.3275, 0.1578



0.0438, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 19.6920, 0.2274, 0.3224 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 19.6920, 0.2274, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

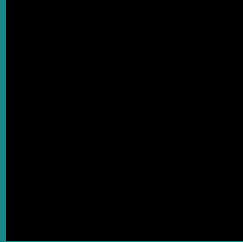
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6920, 0.2274, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 19.6920, 0.2274, 0.3224.

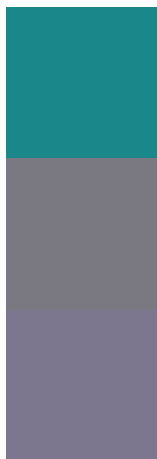


This preview shows how white text looks on a background with the Yxy color 19.6920, 0.2274, 0.3224.

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

19.6920, 0.2274, 0.3224

Protanopia

19.4240, 0.3038, 0.3123

Deuteranopia

19.4619, 0.2921, 0.2861



Tritanopia

19.7266, 0.2247, 0.3061

Trichromacy



Original Color

19.6920, 0.2274, 0.3224

Protanomaly

18.6414, 0.2638, 0.3147

Deuteranomaly

18.6949, 0.2566, 0.2954

Tritanomaly

19.5871, 0.2256, 0.3121

Monochromacy



Original Color

19.6920, 0.2274, 0.3224

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

15.0183, 0.2650, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6920, 0.2274, 0.3224 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(26, 136, 139)` looks like.

```
.text, #text, p{  
    color:rgb(26, 136, 139)  
}
```

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(26, 136, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 136, 139) }
```

Border

The CSS property to change the border of an element to Yxy 19.6920, 0.2274, 0.3224 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(26, 136, 139) }
```

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

```
.border{ border-color:rgb(26, 136, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 136, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 136, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 136, 139);  
box-shadow:4px 4px 4px 4px rgb(26, 136,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6920, 0.2274, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 136, 139) }
```

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

```
.background{ background-color: rgb(26, 136,  
139) }
```

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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