

Converting Colors

$Y_{xy}(25.2529, 0.2221, 0.3074)$

Have a look what the booklet for
Yxy(25.2529, 0.2221, 0.3074)
contains.

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Color

Yxy(25.3204, 0.2223, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	1A98A3
RGB	26, 152, 163
RGB Percent	10%, 60%, 64%
CMY	0.8983, 0.4039, 0.3608
CMYK	0.84, 0.07, 0.00, 0.36
HSL	185°, 73%, 37%
HSV	185°, 84%, 64%
XYZ	18.2632, 25.3204, 38.5721
YIQ	115.5800, -78.6270, -23.2910

Conversions

Conversions Part 2

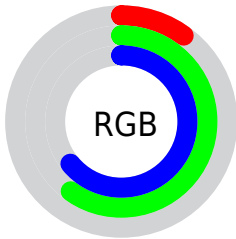
Format	Color
R_{YB}	26, 92, 163
Decimal	1743011
CIE _{Lab}	57.39, -27.80, -14.99
CIE _{LCh}	57, 31.578, 208.332
Yxy	25.3204, 0.2223, 0.3082
Android (android.graphics.Color)	4279933091 (0xFF1A98A3)
YUV	115.5800, 23.3781, -78.5617
Hunter-Lab	50.3194, -23.2730, -10.2249

Details

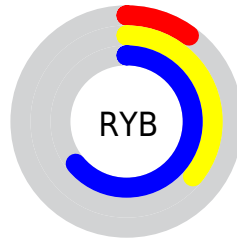
The Yxy color **25.3204, 0.2223, 0.3082** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9.1789, 0.5900, 0.3396**, and the grayscale version is **17.2702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.3403, 0.2405, 0.3138**, and **10.2620, 0.2164, 0.2990** is the 20% darker color. If you saturate the color by 10%, you get **24.7428, 0.2192, 0.3055**, and if you desaturate by 10%, it is **26.0264, 0.2272, 0.3109**.

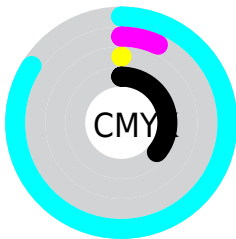
Distribution



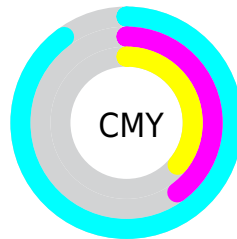
- Red (10%)
- Green (60%)
- Blue (64%)



- Red (10%)
- Yellow (36%)
- Blue (64%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)




- Cyan (90%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3204, 0.2223, 0.3082 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 25.3204, 0.2223, 0.3082 by changing the saturation by 10% instead.


 25.3204, 0.2223,
0.3082


 25.3204, 0.2223,
0.3082


 279.4298, 0.2705,
0.3211


 16.3159, 0.2094,
0.3040


 52.1765, 0.2405,
0.3136


 9.7480, 0.1924,
0.2978


 70.7970, 0.2471,
0.3154


 5.2322, 0.1690,
0.2882

 93.3915, 0.2526,
0.3168

 2.3841, 0.1357,
0.2718

 120.3446, 0.2573,
0.3180

 0.8177, 0.0307,
0.2540

 152.0406, 0.2613,
0.3190

 0.0000, 0.0000,
0.0000

 188.8638, 0.2648,

0.3198

231.1988, 0.2678,
0.3205

■ 25.3204, 0.2223,
0.3082

■ 25.3204, 0.2223,
0.3082

■ 24.7428, 0.2192,
0.3055

■ 26.0264, 0.2272,
0.3109

■ 24.4333, 0.2178,
0.3040

■ 26.8762, 0.2339,
0.3136

■ 27.8857, 0.2424,
0.3163

■ 29.0682, 0.2527,
0.3189

■ 30.4355, 0.2645,
0.3214

■ 31.9982, 0.2776,
0.3239

■ 33.7662, 0.2917,
0.3261

■ 35.7488, 0.3065,
0.3282

■ 37.9546, 0.3218,
0.3301

Harmonies

Analogous

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



25.3204, 0.2513, 0.3625



25.3204, 0.2223, 0.3082



25.3204, 0.2157, 0.2667

Triad

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



25.3204, 0.2223, 0.3082



25.3204, 0.3204, 0.2639



25.3204, 0.3963, 0.4134

Complementary

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



25.3204, 0.2223, 0.3082



9.1789, 0.5900, 0.3396

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.



25.3204, 0.4197, 0.3788



25.3204, 0.2223, 0.3082



25.3204, 0.3744, 0.2961

Square

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



25.3204, 0.2223, 0.3082



25.3204, 0.2685, 0.2458



25.3204, 0.4121, 0.3367



25.3204, 0.3513, 0.4275

Rectangle

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



25.3204, 0.2223, 0.3082



25.3204, 0.2239, 0.2505



25.3204, 0.4121, 0.3367



25.3204, 0.4071, 0.4034

Sweetspot

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



25.3213, 0.2223, 0.3082



56.9033, 0.2757, 0.3235



26.5331, 0.2983, 0.5725



12.5647, 0.2713, 0.3227



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



25.3213, 0.2223, 0.3082



43.6229, 0.2176, 0.3035



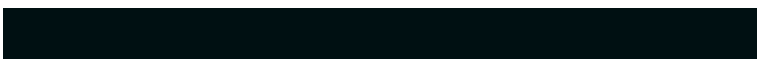
9.4120, 0.1853, 0.1692



7.9136, 0.2988, 0.3271



19.0214, 0.2178, 0.3042



0.4263, 0.2205, 0.3139

Inverse Universe

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



10.7893, 0.3377, 0.1723



17.8708, 0.3423, 0.1660



17.6814, 0.4902, 0.4291



7.1923, 0.3149, 0.3086



7.7643, 0.3417, 0.1656



0.1658, 0.3334, 0.1610

Previews

White Background



This preview shows how the Yxy color 25.3204, 0.2223, 0.3082 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 25.3204, 0.2223, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

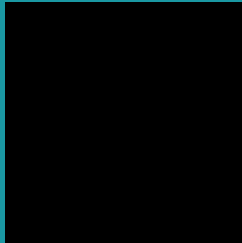
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3204, 0.2223, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 25.3204, 0.2223, 0.3082.

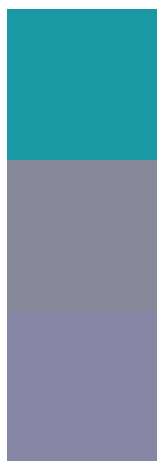


This preview shows how white text looks on a background with the Yxy color 25.3204, 0.2223, 0.3082.

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

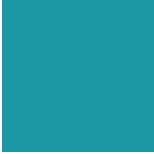
25.3204, 0.2223, 0.3082

Protanopia

25.0262, 0.2957, 0.3025

Deuteranopia

24.9911, 0.2816, 0.2761



Tritanopia

25.3698, 0.2220, 0.3064

Trichromacy



Original Color

25.3204, 0.2223, 0.3082



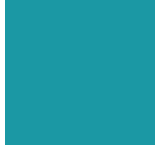
Protanomaly

24.1792, 0.2561, 0.3037



Deuteranomaly

24.2358, 0.2485, 0.2851



Tritanomaly

25.3698, 0.2220, 0.3064

Monochromacy



Original Color

25.3204, 0.2223, 0.3082



Achromatopsia

17.4647, 0.3127, 0.3290



Achromatomaly

19.2330, 0.2610, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3204, 0.2223, 0.3082 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, 152, 163)` looks like.

```
.text, #text, p{  
    color:rgb(26, 152, 163)  
}
```

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, 152, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 152, 163) }
```

Border

The CSS property to change the border of an element to Yxy 25.3204, 0.2223, 0.3082 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, 152, 163) }
```

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

```
.border{ border-color:rgb(26, 152, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 152, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 152, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 152, 163);  
box-shadow:4px 4px 4px 4px rgb(26, 152,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3204, 0.2223, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 152, 163) }
```

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

```
.background{ background-color: rgb(26, 152,  
163) }
```

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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