

Converting Colors

$Y_{xy}(20.9812, 0.2263, 0.3191)$

Have a look what the booklet for
Yxy(20.9812, 0.2263, 0.3191)
contains.

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Color

$Y_{xy}(21.0201, 0.2260, 0.3185)$

Conversions

Conversions Part 1

Format	Color
Hex	1A8C91
RGB	26, 140, 145
RGB Percent	10%, 55%, 57%
CMY	0.8980, 0.4510, 0.4313
CMYK	0.82, 0.03, 0.00, 0.43
HSL	183°, 70%, 34%
HSV	183°, 82%, 57%
XYZ	14.9154, 21.0201, 30.0617
YIQ	106.4840, -69.5490, -22.6130

Conversions

Conversions Part 2

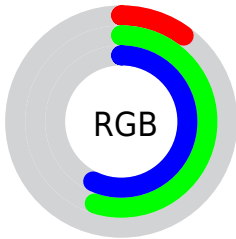
Format	Color
R_{YB}	26, 84, 145
Decimal	1739921
CIE _{Lab}	52.97, -27.60, -11.31
CIE _{LCh}	53, 29.828, 202.292
Yxy	21.0201, 0.2260, 0.3185
Android (android.graphics.Color)	4279930001 (0xFF1A8C91)
YUV	106.4840, 18.9884, -70.5845
Hunter-Lab	45.8477, -22.1631, -6.7823

Details

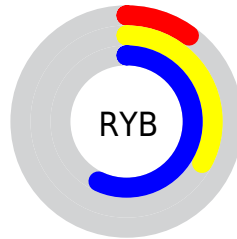
The Yxy color **21.0201, 0.2260, 0.3185** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **7.0760, 0.5849, 0.3350**, and the grayscale version is **14.5156, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1400, 0.2444, 0.3215**, and **7.9710, 0.2196, 0.3104** is the 20% darker color. If you saturate the color by 10%, you get **20.6980, 0.2229, 0.3171**, and if you desaturate by 10%, it is **21.4414, 0.2309, 0.3199**.

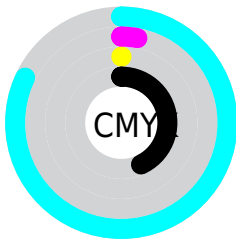
Distribution



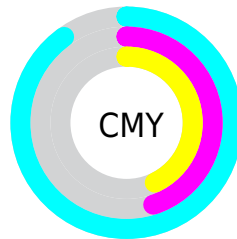
- Red (10%)
- Green (55%)
- Blue (57%)



- Red (10%)
- Yellow (33%)
- Blue (57%)



- Cyan (82%)
- Magenta (3%)
- Yellow (0%)
- Black (43%)





- Cyan (90%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0201, 0.2260, 0.3185 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 21.0201, 0.2260, 0.3185 by changing the saturation by 10% instead.


 21.0201, 0.2260,
0.3185


 21.0201, 0.2260,
0.3185


 257.3853, 0.2737,
0.3258


 13.1387, 0.2126,
0.3157


 45.1210, 0.2445,
0.3218

 7.5241, 0.1944,
0.3113


 62.1093, 0.2510,
0.3228

 3.7920, 0.1685,
0.3038

 82.9019, 0.2565,
0.3236

 1.5579, 0.1285,
0.2896

 107.8834, 0.2610,
0.3242

 0.3290, 0.0000,
0.2207

 137.4381, 0.2649,
0.3247

 0.0000, 0.0000,
0.0000

 171.9504, 0.2683,

0.3251

211.8046, 0.2712,
0.3255

■ 21.0201, 0.2260,
0.3185

■ 21.0201, 0.2260,
0.3185

■ 20.6980, 0.2229,
0.3171

■ 21.4414, 0.2309,
0.3199

■ 20.4828, 0.2211,
0.3161

■ 21.9723, 0.2375,
0.3213

■ 22.6246, 0.2460,
0.3226

■ 23.4077, 0.2562,
0.3240

■ 24.3305, 0.2679,
0.3253

■ 25.4006, 0.2808,
0.3265

■ 26.6254, 0.2948,
0.3277

■ 28.0117, 0.3096,
0.3288

■ 29.5658, 0.3248,
0.3298

Harmonies

Analogous

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



21.0201, 0.2593, 0.3736



21.0201, 0.2260, 0.3185



21.0201, 0.2147, 0.2732

Triad

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



21.0201, 0.2260, 0.3185



21.0201, 0.3092, 0.2587



21.0201, 0.4036, 0.4079

Complementary

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



21.0201, 0.2260, 0.3185



7.0760, 0.5849, 0.3350

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.



21.0201, 0.4213, 0.3708



21.0201, 0.2260, 0.3185



21.0201, 0.3645, 0.2886

Square

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



21.0201, 0.2260, 0.3185



21.0201, 0.2593, 0.2439



21.0201, 0.4071, 0.3282



21.0201, 0.3617, 0.4275

Rectangle

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



21.0201, 0.2260, 0.3185



21.0201, 0.2200, 0.2540



21.0201, 0.4071, 0.3282



21.0201, 0.4127, 0.3968

Sweetspot

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



21.0209, 0.2260, 0.3185



44.7900, 0.2762, 0.3261



20.5664, 0.2998, 0.5716



9.8310, 0.2722, 0.3257



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.



21.0209, 0.2260, 0.3185



36.7008, 0.2214, 0.3161



8.2304, 0.1907, 0.1842



6.0780, 0.2991, 0.3280



17.5766, 0.2212, 0.3162



0.1758, 0.2230, 0.3229

Inverse Universe

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



8.6533, 0.3288, 0.1696



14.1953, 0.3315, 0.1607



13.3194, 0.4909, 0.4224



5.5072, 0.3143, 0.3082



6.7607, 0.3314, 0.1600



0.0654, 0.3257, 0.1568

Previews

White Background



This preview shows how the Yxy color 21.0201, 0.2260, 0.3185 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 21.0201, 0.2260, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

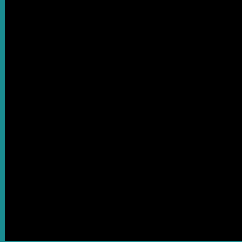
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0201, 0.2260, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 21.0201, 0.2260, 0.3185.



This preview shows how white text looks on a background with the Yxy color 21.0201, 0.2260, 0.3185.

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

21.0201, 0.2260, 0.3185

Protanopia

20.7765, 0.3018, 0.3110

Deuteranopia

20.8479, 0.2895, 0.2839



Tritanopia

20.9743, 0.2242, 0.3066

Trichromacy



Original Color

21.0201, 0.2260, 0.3185

Protanomaly

19.9532, 0.2615, 0.3112

Deuteranomaly

20.0123, 0.2546, 0.2926

Tritanomaly

20.8794, 0.2248, 0.3105

Monochromacy



Original Color

21.0201, 0.2260, 0.3185

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

15.8907, 0.2640, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0201, 0.2260, 0.3185 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, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(26, 140, 145)  
}
```

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, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 140, 145) }
```

Border

The CSS property to change the border of an element to Yxy 21.0201, 0.2260, 0.3185 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, 140, 145) }
```

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

```
.border{ border-color:rgb(26, 140, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(26, 140,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0201, 0.2260, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 140, 145) }
```

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

```
.background{ background-color: rgb(26, 140,  
145) }
```

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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