

Converting Colors

$Yxy(21.1161, 0.2242, 0.3126)$

Have a look what the booklet for
Yxy(21.1161, 0.2242, 0.3126)
contains.

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Color

Yxy(21.1139, 0.2242, 0.3125)

Conversions

Conversions Part 1

Format	Color
Hex	1A8C94
RGB	26, 140, 148
RGB Percent	10%, 55%, 58%
CMY	0.8986, 0.4510, 0.4195
CMYK	0.83, 0.05, 0.00, 0.42
HSL	184°, 70%, 34%
HSV	184°, 83%, 58%
XYZ	15.1480, 21.1139, 31.3026
YIQ	106.8260, -70.5120, -21.6800

Conversions

Conversions Part 2

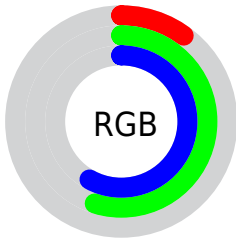
Format	Color
R _Y B	26, 85, 148
Decimal	1739924
CIE Lab	53.07, -26.65, -12.91
CIE LCh	53, 29.607, 205.843
Yxy	21.1139, 0.2242, 0.3125
Android (android.graphics.Color)	4279930004 (0xFF1A8C94)
YUV	106.8260, 20.2988, -70.8844
Hunter-Lab	45.9499, -21.5675, -8.2255

Details

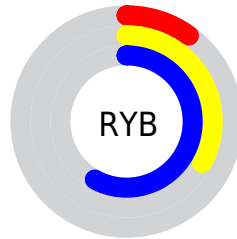
The Yxy color **21.1139, 0.2242, 0.3125** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **7.5092, 0.5839, 0.3380**, and the grayscale version is **14.5997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.2807, 0.2429, 0.3172**, and **8.0078, 0.2179, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **20.6858, 0.2209, 0.3104**, and if you desaturate by 10%, it is **21.6466, 0.2292, 0.3147**.

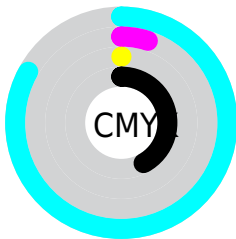
Distribution



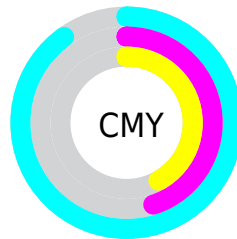
- Red (10%)
- Green (55%)
- Blue (58%)



- Red (10%)
- Yellow (33%)
- Blue (58%)



- Cyan (83%)
- Magenta (5%)
- Yellow (0%)
- Black (42%)





- Cyan (90%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.1139, 0.2242, 0.3125 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 21.1139, 0.2242, 0.3125 by changing the saturation by 10% instead.


 21.1139, 0.2242,
0.3125


 21.1139, 0.2242,
0.3125


 257.8832, 0.2728,
0.3232


 13.2073, 0.2106,
0.3087


 45.2770, 0.2429,
0.3172


 7.5714, 0.1922,
0.3029


 62.3023, 0.2496,
0.3187


 3.8220, 0.1663,
0.2933

 83.1360, 0.2552,
0.3198

 1.5745, 0.1270,
0.2758

 108.1623, 0.2598,
0.3208

 0.3403, 0.0000,
0.2066

 137.7659, 0.2638,
0.3216

 0.0000, 0.0000,
0.0000

 172.3309, 0.2672,

0.3222

212.2419, 0.2702,
0.3228

■ 21.1139, 0.2242,
0.3125

■ 21.1139, 0.2242,
0.3125

■ 20.6858, 0.2209,
0.3104

■ 21.6466, 0.2292,
0.3147

■ 20.4046, 0.2191,
0.3088

■ 22.2952, 0.2361,
0.3169

■ 23.0720, 0.2448,
0.3190

■ 23.9872, 0.2551,
0.3211

■ 25.0500, 0.2670,
0.3232

■ 26.2685, 0.2801,
0.3251

■ 27.6506, 0.2941,
0.3269

■ 29.2034, 0.3089,
0.3286

■ 30.9336, 0.3241,
0.3301

Harmonies

Analogous

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



21.1139, 0.2549, 0.3669



21.1139, 0.2242, 0.3125



21.1139, 0.2157, 0.2696

Triad

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



21.1139, 0.2242, 0.3125



21.1139, 0.3157, 0.2620



21.1139, 0.3990, 0.4108

Complementary

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



21.1139, 0.2242, 0.3125



7.5092, 0.5839, 0.3380

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.



21.1139, 0.4199, 0.3753



21.1139, 0.2242, 0.3125



21.1139, 0.3701, 0.2932

Square

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



21.1139, 0.2242, 0.3125



21.1139, 0.2649, 0.2454



21.1139, 0.4096, 0.3332



21.1139, 0.3554, 0.4271

Rectangle

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



21.1139, 0.2242, 0.3125



21.1139, 0.2227, 0.2523



21.1139, 0.4096, 0.3332



21.1139, 0.4090, 0.4004

Sweetspot

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



21.1147, 0.2242, 0.3125



45.6660, 0.2760, 0.3245



21.5086, 0.2991, 0.5704



10.2671, 0.2719, 0.3239



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.1147, 0.2242, 0.3125



35.9556, 0.2192, 0.3086



8.2172, 0.1888, 0.1784



6.4978, 0.2990, 0.3275



17.4386, 0.2191, 0.3089



0.2292, 0.2221, 0.3196

Inverse Universe

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



8.9244, 0.3339, 0.1721



14.3980, 0.3379, 0.1639



14.2097, 0.4889, 0.4257



5.9027, 0.3147, 0.3086



6.9538, 0.3377, 0.1634



0.0867, 0.3285, 0.1584

Previews

White Background



This preview shows how the Yxy color 21.1139, 0.2242, 0.3125 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 21.1139, 0.2242, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

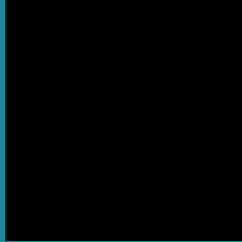
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1139, 0.2242, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 21.1139, 0.2242, 0.3125.

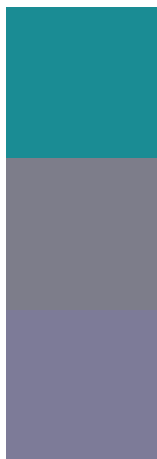


This preview shows how white text looks on a background with the Yxy color 21.1139, 0.2242, 0.3125.

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

21.1139, 0.2242, 0.3125

Protanopia

20.8622, 0.2986, 0.3057

Deuteranopia

20.7929, 0.2843, 0.2787



Tritanopia

21.2517, 0.2233, 0.3067

Trichromacy



Original Color

21.1139, 0.2242, 0.3125

Protanomaly

20.0421, 0.2590, 0.3056

Deuteranomaly

20.0587, 0.2514, 0.2872

Tritanomaly

21.2051, 0.2236, 0.3086

Monochromacy



Original Color

21.1139, 0.2242, 0.3125

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

16.1766, 0.2624, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1139, 0.2242, 0.3125 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(26, 140, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 140, 148) }
```

Border

The CSS property to change the border of an element to Yxy 21.1139, 0.2242, 0.3125 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, 148) }
```

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

```
.border{ border-color:rgb(26, 140, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 140, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 140, 148);  
box-shadow:4px 4px 4px 4px rgb(26, 140,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1139, 0.2242, 0.3125 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, 148) }
```

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

```
.background{ background-color: rgb(26, 140,  
148) }
```

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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