

Converting Colors

$Yxy(22.6843, 0.2236, 0.3185)$

Have a look what the booklet for
Yxy(22.6843, 0.2236, 0.3185)
contains.

Yxy(22.5867, 0.2231, 0.3168)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(22.5867, 0.2231, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	0F9197
RGB	15, 145, 151
RGB Percent	6%, 57%, 59%
CMY	0.9420, 0.4313, 0.4078
CMYK	0.90, 0.04, 0.00, 0.41
HSL	183°, 82%, 33%
HSV	183°, 90%, 59%
XYZ	15.9062, 22.5867, 32.8035
YIQ	106.8140, -79.4060, -25.6940

Conversions

Conversions Part 2

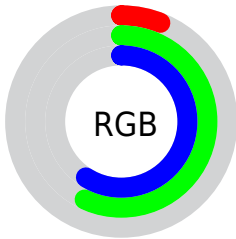
Format	Color
R_{YB}	15, 81, 151
Decimal	1020311
CIE Lab	54.64, -28.96, -12.28
CIE LCh	55, 31.457, 202.969
Yxy	22.5867, 0.2231, 0.3168
Android (android.graphics.Color)	4279210391 (0xFF0F9197)
YUV	106.8140, 21.7837, -80.5209
Hunter-Lab	47.5255, -23.4277, -7.6559

Details

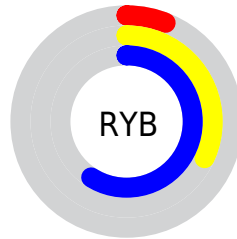
The Yxy color **22.5867, 0.2231, 0.3168** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **7.1431, 0.6131, 0.3340**, and the grayscale version is **14.5875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5299, 0.2416, 0.3202**, and **8.9255, 0.2198, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **22.2890, 0.2210, 0.3154**, and if you desaturate by 10%, it is **22.9662, 0.2265, 0.3182**.

Distribution



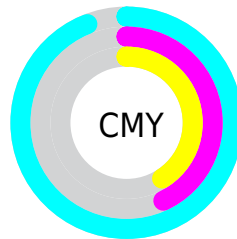
- Red (6%)
- Green (57%)
- Blue (59%)



- Red (6%)
- Yellow (32%)
- Blue (59%)



- Cyan (90%)
- Magenta (4%)
- Yellow (0%)
- Black (41%)




- Cyan (94%)
- Magenta (43%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 22.5867, 0.2231, 0.3168 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 22.5867, 0.2231, 0.3168 by changing the saturation by 10% instead.


 22.5867, 0.2231,
0.3168


 22.5867, 0.2231,
0.3168


 265.5950, 0.2718,
0.3251


 14.2886, 0.2097,
0.3137


 47.7138, 0.2418,
0.3205

 8.3217, 0.1916,
0.3090


 65.3116, 0.2485,
0.3216


 4.3015, 0.1665,
0.3012

 86.7781, 0.2540,
0.3225

 1.8436, 0.1296,
0.2865

 112.4977, 0.2587,
0.3233

 0.5141, 0.0000,
0.2562

 142.8548, 0.2627,
0.3238

 0.0000, 0.0000,
0.0000

 178.2338, 0.2662,

0.3243

219.0191, 0.2692,
0.3247

■ 22.5867, 0.2231,
0.3168

■ 22.5867, 0.2231,
0.3168

■ 22.2890, 0.2210,
0.3154

■ 22.9662, 0.2265,
0.3182

■ 23.4547, 0.2317,
0.3197

■ 24.0670, 0.2387,
0.3211

■ 24.8148, 0.2475,
0.3226

■ 25.7084, 0.2580,
0.3240

■ 26.7573, 0.2700,
0.3254

■ 27.9700, 0.2833,
0.3266

■ 29.3544, 0.2975,
0.3279

■ 30.9180, 0.3124,
0.3290

Harmonies

Analogous

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



22.5867, 0.2568, 0.3737



22.5867, 0.2231, 0.3168



22.5867, 0.2122, 0.2707

Triad

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



22.5867, 0.2231, 0.3168



22.5867, 0.3103, 0.2574



22.5867, 0.4054, 0.4107

Complementary

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



22.5867, 0.2231, 0.3168



7.1431, 0.6131, 0.3340

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.



22.5867, 0.4245, 0.3726



22.5867, 0.2231, 0.3168



22.5867, 0.3672, 0.2882

Square

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



22.5867, 0.2231, 0.3168



22.5867, 0.2588, 0.2418



22.5867, 0.4106, 0.3289



22.5867, 0.3618, 0.4306

Rectangle

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



22.5867, 0.2231, 0.3168



22.5867, 0.2179, 0.2514



22.5867, 0.4106, 0.3289



22.5867, 0.4150, 0.3993

Sweetspot

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



22.5875, 0.2231, 0.3168



48.4607, 0.2734, 0.3257



22.2846, 0.2995, 0.5864



10.8693, 0.2695, 0.3253



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



22.5875, 0.2231, 0.3168



39.8384, 0.2209, 0.3151



7.8349, 0.1826, 0.1677



6.9799, 0.2989, 0.3280



18.9701, 0.2210, 0.3155



0.2959, 0.2227, 0.3219

Inverse Universe

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



8.9607, 0.3306, 0.1642



15.4005, 0.3323, 0.1604



13.5026, 0.5094, 0.4221



6.3189, 0.3144, 0.3080



7.3203, 0.3320, 0.1603



0.1107, 0.3266, 0.1573

Previews

White Background



This preview shows how the Yxy color 22.5867, 0.2231, 0.3168 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 22.5867, 0.2231, 0.3168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

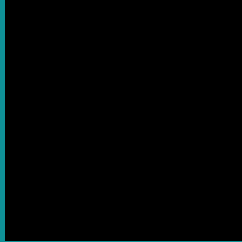
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5867, 0.2231, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 22.5867, 0.2231, 0.3168.



This preview shows how white text looks on a background with the Yxy color 22.5867, 0.2231, 0.3168.

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

22.5867, 0.2231, 0.3168

Protanopia

22.2907, 0.3000, 0.3081

Deuteranopia

22.2911, 0.2871, 0.2817



Tritanopia

22.5410, 0.2215, 0.3053

Trichromacy



Original Color

22.5867, 0.2231, 0.3168



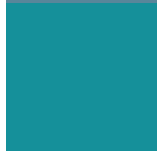
Protanomaly

21.3985, 0.2563, 0.3097



Deuteranomaly

21.4580, 0.2498, 0.2916



Tritanomaly

22.4390, 0.2219, 0.3090

Monochromacy



Original Color

22.5867, 0.2231, 0.3168



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

16.5213, 0.2585, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5867, 0.2231, 0.3168 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(15, 145, 151)` looks like.

```
.text, #text, p{  
    color:rgb(15, 145, 151)  
}
```

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(15, 145, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 145, 151) }
```

Border

The CSS property to change the border of an element to Yxy 22.5867, 0.2231, 0.3168 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(15, 145, 151) }
```

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

```
.border{ border-color:rgb(15, 145, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 145, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 145, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 145, 151);  
box-shadow:4px 4px 4px 4px rgb(15, 145,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5867, 0.2231, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 145, 151) }
```

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

```
.background{ background-color: rgb(15, 145,  
151) }
```

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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