

Converting Colors

$Yxy(22.1187, 0.2443, 0.3701)$

Have a look what the booklet for
Yxy(22.1187, 0.2443, 0.3701)
contains.

Yxy(22.1248, 0.2447, 0.3711)	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(22.1248, 0.2447, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	25917D
RGB	37, 145, 125
RGB Percent	15%, 57%, 49%
CMY	0.8551, 0.4314, 0.5098
CMYK	0.75, 0.00, 0.14, 0.43
HSL	169°, 59%, 36%
HSV	169°, 75%, 57%
XYZ	14.5889, 22.1248, 22.9058
YIQ	110.4280, -57.9480, -29.1160

Conversions

Conversions Part 2

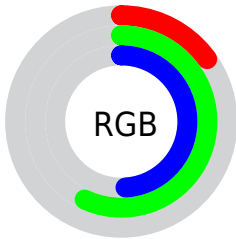
Format	Color
RYB	37, 97, 145
Decimal	2462077
CIELab	54.16, -34.70, 2.02
CIElCh	54, 34.759, 176.675
Yxy	22.1248, 0.2447, 0.3711
Android (android.graphics.Color)	4280652157 (0xFF25917D)
YUV	110.4280, 7.1840, -64.3964
Hunter-Lab	47.0370, -26.9516, 4.0532

Details

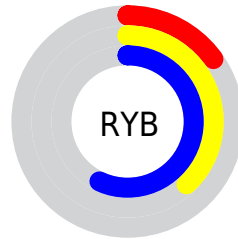
The Yxy color **22.1248, 0.2447, 0.3711** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.6351, 0.5156, 0.3011**, and the grayscale version is **15.7103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1756, 0.2594, 0.3616**, and **8.5272, 0.2408, 0.3869** is the 20% darker color. If you saturate the color by 10%, you get **21.8413, 0.2421, 0.3776**, and if you desaturate by 10%, it is **22.5184, 0.2492, 0.3646**.

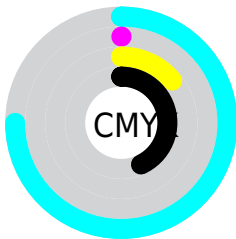
Distribution



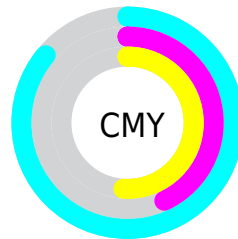
- Red (15%)
- Green (57%)
- Blue (49%)



- Red (15%)
- Yellow (38%)
- Blue (57%)



- Cyan (75%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)




- Cyan (86%)
- Magenta (43%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1248, 0.2447, 0.3711 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 22.1248, 0.2447, 0.3711 by changing the saturation by 10% instead.


 22.1248, 0.2447,
0.3711

 22.1248, 0.2447,
0.3711


 263.1973, 0.2828,
0.3473


 13.9486, 0.2336,
0.3782


 46.9522, 0.2597,
0.3617


 8.0849, 0.2182,
0.3881


 64.3722, 0.2649,
0.3584


 4.1494, 0.1957,
0.4029

 85.6422, 0.2692,
0.3557

 1.7575, 0.1568,
0.4287

 111.1468, 0.2728,
0.3534

 0.4604, 0.0000,
0.5609

 141.2701, 0.2759,
0.3516

 0.0000, 0.0000,
0.0000

 176.3968, 0.2785,

0.3499

216.9110, 0.2808,
0.3485

■ 22.1248, 0.2447,
0.3711

■ 22.1248, 0.2447,
0.3711

■ 21.8413, 0.2421,
0.3776

■ 22.5184, 0.2492,
0.3646

■ 21.6510, 0.2412,
0.3841

■ 23.0307, 0.2555,
0.3583

■ 21.5644, 0.2410,
0.3877

■ 23.6727, 0.2634,
0.3521

■ 24.4530, 0.2728,
0.3463

■ 25.3797, 0.2834,
0.3408

■ 26.4603, 0.2949,
0.3357

■ 27.7017, 0.3071,
0.3310

■ 29.1104, 0.3197,
0.3267

■ 30.6926, 0.3324,
0.3229

Harmonies

Analogous

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



22.1248, 0.2985, 0.4251



22.1248, 0.2447, 0.3711



22.1248, 0.2110, 0.3074

Triad

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



22.1248, 0.2447, 0.3711



22.1248, 0.2591, 0.2344



22.1248, 0.4359, 0.3817

Complementary

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



22.1248, 0.2447, 0.3711



7.6351, 0.5156, 0.3011

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.



22.1248, 0.4257, 0.3340



22.1248, 0.2447, 0.3711



22.1248, 0.3175, 0.2537

Square

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



22.1248, 0.2447, 0.3711



22.1248, 0.2191, 0.2352



22.1248, 0.3804, 0.2889



22.1248, 0.4101, 0.4229

Rectangle

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



22.1248, 0.2447, 0.3711



22.1248, 0.2026, 0.2727



22.1248, 0.3804, 0.2889



22.1248, 0.4368, 0.3660

Sweetspot

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



22.1257, 0.2447, 0.3711



45.8234, 0.2857, 0.3397



21.3021, 0.3158, 0.5497



10.0981, 0.2831, 0.3409



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.



22.1257, 0.2447, 0.3711



38.8786, 0.2413, 0.3818



14.1556, 0.2141, 0.2584



6.0994, 0.3013, 0.3331



18.4986, 0.2409, 0.3873



0.1797, 0.2323, 0.3563

Inverse Universe

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



7.6351, 0.5156, 0.3011



11.5544, 0.5787, 0.3068



10.4550, 0.5125, 0.3783



5.4394, 0.3254, 0.3250



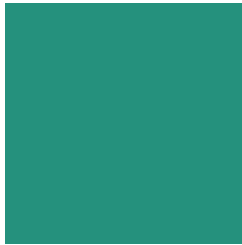
5.2336, 0.6060, 0.3112



0.0525, 0.5142, 0.2606

Previews

White Background



This preview shows how the Yxy color 22.1248, 0.2447, 0.3711 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 22.1248, 0.2447, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

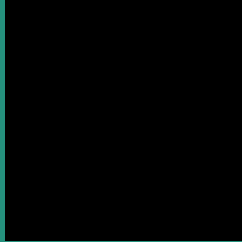
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1248, 0.2447, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 22.1248, 0.2447, 0.3711.

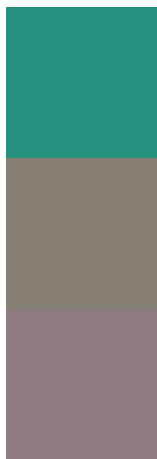


This preview shows how white text looks on a background with the Yxy color 22.1248, 0.2447, 0.3711.

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

22.1248, 0.2447, 0.3711

Protanopia

21.7676, 0.3334, 0.3505

Deuteranopia

21.9149, 0.3276, 0.3222



Tritanopia

22.1065, 0.2313, 0.3055

Trichromacy



Original Color

22.1248, 0.2447, 0.3711

Protanomaly

21.0348, 0.2899, 0.3586

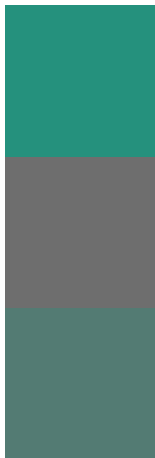
Deuteranomaly

20.9446, 0.2852, 0.3366

Tritanomaly

21.9335, 0.2354, 0.3268

Monochromacy



Original Color

22.1248, 0.2447, 0.3711

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

17.2427, 0.2759, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1248, 0.2447, 0.3711 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(37, 145, 125)` looks like.

```
.text, #text, p{  
    color:rgb(37, 145, 125)  
}
```

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(37, 145, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 145, 125) }
```

Border

The CSS property to change the border of an element to Yxy 22.1248, 0.2447, 0.3711 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(37, 145, 125) }
```

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

```
.border{ border-color:rgb(37, 145, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 145, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(37, 145, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(37, 145, 125); box-shadow:4px 4px 4px 4px rgb(37, 145, 125) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.1248, 0.2447, 0.3711$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 145, 125) }
```

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

```
.background{ background-color: rgb(37, 145,  
125) }
```

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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