

Converting Colors

$Y_{xy}(22.5560, 0.2652, 0.3673)$

Have a look what the booklet for
Yxy(22.5560, 0.2652, 0.3673)
contains.

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Color

$Y_{xy}(22.5560, 0.2652, 0.3673)$

Conversions

Conversions Part 1

Format	Color
Hex	4A8F7C
RGB	74, 143, 124
RGB Percent	29%, 56%, 49%
CMY	0.7097, 0.4392, 0.5137
CMYK	0.48, 0.00, 0.13, 0.44
HSL	163°, 32%, 43%
HSV	163°, 48%, 56%
XYZ	16.2860, 22.5560, 22.5683
YIQ	120.2030, -35.0250, -20.5370

Conversions

Conversions Part 2

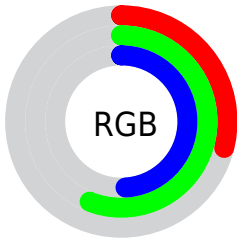
Format	Color
R_{YB}	74, 114, 143
Decimal	4886396
CIE _{Lab}	54.61, -26.65, 3.38
CIE _{LCh}	55, 26.864, 172.764
Yxy	22.5560, 0.2652, 0.3673
Android (android.graphics.Color)	4283076476 (0xFF4A8F7C)
YUV	120.2030, 1.8719, -40.5200
Hunter-Lab	47.4932, -21.9031, 5.0712

Details

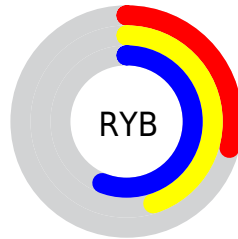
The Yxy color **22.5560, 0.2652, 0.3673** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.5297, 0.4036, 0.2954**, and the grayscale version is **18.8549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5791, 0.2760, 0.3592**, and **8.2725, 0.2464, 0.3838** is the 20% darker color. If you saturate the color by 10%, you get **21.9546, 0.2586, 0.3769**, and if you desaturate by 10%, it is **23.2922, 0.2733, 0.3582**.

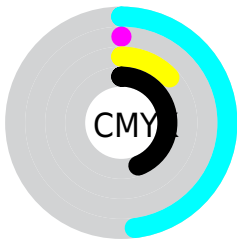
Distribution



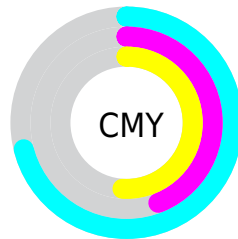
- Red (29%)
- Green (56%)
- Blue (49%)



- Red (29%)
- Yellow (45%)
- Blue (56%)



- Cyan (48%)
- Magenta (0%)
- Yellow (13%)
- Black (44%)



- Cyan (71%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5560, 0.2652, 0.3673 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 22.5560, 0.2652, 0.3673 by changing the saturation by 10% instead.

■ 22.5560, 0.2652,
0.3673

■ 22.5560, 0.2652,
0.3673

■ 265.4362, 0.2919,
0.3455

■ 14.2660, 0.2573,
0.3739

■ 47.6632, 0.2757,
0.3586

■ 8.3059, 0.2463,
0.3831

■ 65.2493, 0.2794,
0.3556

■ 4.2913, 0.2300,
0.3972

■ 86.7028, 0.2825,
0.3531

■ 1.8378, 0.2033,
0.4209

■ 112.4082, 0.2850,
0.3511

■ 0.5106, 0.0000,
0.6152

■ 142.7498, 0.2871,
0.3494

■ 0.0000, 0.0000,
0.0000

178.1121, 0.2889,

0.3479

218.8795, 0.2905,
0.3466

■ 22.5560, 0.2652,
0.3673

■ 22.5560, 0.2652,
0.3673

■ 21.9546, 0.2586,
0.3769

■ 23.2922, 0.2733,
0.3582

■ 21.4765, 0.2536,
0.3868

■ 24.1685, 0.2825,
0.3497

■ 21.1124, 0.2505,
0.3968


■ 25.1934, 0.2927,
0.3417

■ 20.8508, 0.2493,
0.4069

■ 26.3737, 0.3035,
0.3345

■ 20.6674, 0.2496,
0.4170


■ 27.7158, 0.3147,
0.3279

 20.6371, 0.2497,
0.4188

 29.2258, 0.3261,
0.3220

 30.9095, 0.3375,
0.3167

 32.7725, 0.3487,
0.3121

 34.8198, 0.3597,
0.3080

Harmonies

Analogous

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



22.5560, 0.3090, 0.4045



22.5560, 0.2652, 0.3673



22.5560, 0.2355, 0.3196

Triad

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



22.5560, 0.2652, 0.3673



22.5560, 0.2662, 0.2532



22.5560, 0.4083, 0.3675

Complementary

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



22.5560, 0.2652, 0.3673



11.5297, 0.4036, 0.2954

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.



22.5560, 0.3960, 0.3295



22.5560, 0.2652, 0.3673



22.5560, 0.3106, 0.2666

Square

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



22.5560, 0.2652, 0.3673



22.5560, 0.2362, 0.2570



22.5560, 0.3591, 0.2937



22.5560, 0.3928, 0.3998

Rectangle

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



22.5560, 0.2652, 0.3673



22.5560, 0.2265, 0.2913



22.5560, 0.3591, 0.2937



22.5560, 0.4074, 0.3550

Sweetspot

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



22.5569, 0.2652, 0.3673



45.9176, 0.2969, 0.3388



22.4960, 0.3248, 0.4674



10.4377, 0.2948, 0.3402



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.



22.5569, 0.2652, 0.3673



39.2235, 0.2580, 0.3778



18.8919, 0.2453, 0.2988



6.0913, 0.3025, 0.3351



18.2508, 0.2495, 0.4183



0.1782, 0.2366, 0.3719

Inverse Universe

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



11.5297, 0.4036, 0.2954



17.0133, 0.4373, 0.2892



13.4728, 0.4264, 0.3561



5.4470, 0.3241, 0.3230



5.2982, 0.5785, 0.2961



0.0540, 0.4737, 0.2383

Previews

White Background



This preview shows how the Yxy color 22.5560, 0.2652, 0.3673 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 22.5560, 0.2652, 0.3673 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 22.5560, 0.2652, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 22.5560, 0.2652, 0.3673.

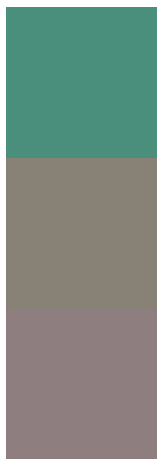


This preview shows how white text looks on a background with the Yxy color 22.5560, 0.2652, 0.3673.

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

22.5560, 0.2652, 0.3673

Protanopia

22.4005, 0.3330, 0.3521

Deuteranopia

22.3199, 0.3310, 0.3257



Tritanopia

22.4611, 0.2499, 0.3081

Trichromacy



Original Color

22.5560, 0.2652, 0.3673

Protanomaly

22.1947, 0.3037, 0.3573

Deuteranomaly

21.8864, 0.3022, 0.3382

Tritanomaly

22.3415, 0.2547, 0.3269

Monochromacy



Original Color

22.5560, 0.2652, 0.3673

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

19.7024, 0.2917, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5560, 0.2652, 0.3673 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(74, 143, 124)` looks like.

```
.text, #text, p{  
    color:rgb(74, 143, 124)  
}
```

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(74, 143, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 143, 124) }
```

Border

The CSS property to change the border of an element to Yxy 22.5560, 0.2652, 0.3673 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(74, 143, 124) }
```

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

```
.border{ border-color:rgb(74, 143, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 143, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 143, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 143, 124);  
box-shadow:4px 4px 4px 4px rgb(74, 143,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5560, 0.2652, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 143, 124) }
```

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

```
.background{ background-color: rgb(74, 143,  
124) }
```

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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