

Converting Colors

$Y_{xy}(22.3608, 0.2810, 0.3665)$

Have a look what the booklet for
Yxy(22.3608, 0.2810, 0.3665)
contains.

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Color

Yxy(22.3608, 0.2810, 0.3665)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5B8C79 |
| RGB | 91, 140, 121 |
| RGB Percent | 36%, 55%, 47% |
| CMY | 0.6431, 0.4510, 0.5254 |
| CMYK | 0.35, 0.00, 0.14, 0.45 |
| HSL | 157°, 21%, 45% |
| HSV | 157°, 35%, 55% |
| XYZ | 17.1443, 22.3608, 21.5066 |
| YIQ | 123.1830, -23.1050, -16.2970 |

Conversions

Conversions Part 2

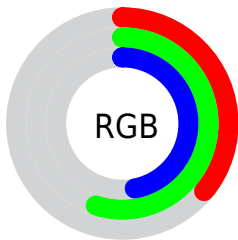
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 91, 121, 140 |
| Decimal | 5999737 |
| CIE _{Lab} | 54.41, -20.97, 4.92 |
| CIE _{LCh} | 54, 21.543, 166.805 |
| Yxy | 22.3608, 0.2810, 0.3665 |
| Android (android.graphics.Color) | 4284189817 (0xFF5B8C79) |
| YUV | 123.1830, -1.0762, -28.2245 |
| Hunter-Lab | 47.2872, -18.0362, 6.1354 |

Details

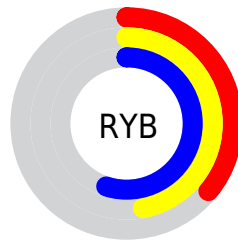
The Yxy color **22.3608, 0.2810, 0.3665** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.1832, 0.3610, 0.2947**, and the grayscale version is **19.8808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.4403, 0.2885, 0.3586**, and **8.2856, 0.2680, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **21.5859, 0.2736, 0.3794**, and if you desaturate by 10%, it is **23.2777, 0.2894, 0.3545**.

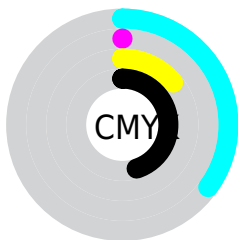
Distribution



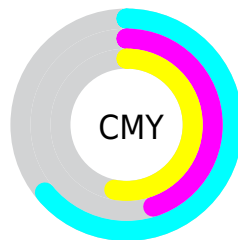
- Red (36%)
- Green (55%)
- Blue (47%)



- Red (36%)
- Yellow (47%)
- Blue (55%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (45%)





- Cyan (64%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3608, 0.2810, 0.3665 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 22.3608, 0.2810, 0.3665 by changing the saturation by 10% instead.


 22.3608, 0.2810,
0.3665

 22.3608, 0.2810,
0.3665


264.4247, 0.2990,
0.3450


 14.1223, 0.2756,
0.3731


 47.3416, 0.2881,
0.3579


 8.2057, 0.2680,
0.3824


 64.8526, 0.2906,
0.3549

 4.2269, 0.2566,
0.3967

 86.2233, 0.2927,
0.3525

 1.8013, 0.2373,
0.4213

 111.8380, 0.2944,
0.3505

 0.4880, 0.0000,
0.7224

142.0811, 0.2958,
0.3488

 0.0000, 0.0000,
0.0000

177.3369, 0.2970,

0.3474

217.9900, 0.2981,
0.3461

■ 22.3608, 0.2810,
0.3665

■ 22.3608, 0.2810,
0.3665

■ 21.5859, 0.2736,
0.3794

■ 23.2777, 0.2894,
0.3545

■ 20.9429, 0.2675,
0.3930

■ 24.3409, 0.2984,
0.3436

■ 20.4243, 0.2628,
0.4073


■ 25.5577, 0.3079,
0.3336


■ 20.0210, 0.2600,
0.4219

■ 26.9343, 0.3176,
0.3246


■ 19.7224, 0.2590,
0.4365

■ 28.4763, 0.3273,
0.3167


 19.5143, 0.2599,
0.4510

 30.1893, 0.3369,
0.3096

 19.4247, 0.2606,
0.4582

 32.0783, 0.3463,
0.3033

 34.1485, 0.3554,
0.2978

 36.4046, 0.3641,
0.2930

Harmonies

Analogous

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



22.3608, 0.3180, 0.3924



22.3608, 0.2810, 0.3665



22.3608, 0.2536, 0.3295

Triad

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



22.3608, 0.2810, 0.3665



22.3608, 0.2691, 0.2664



22.3608, 0.3894, 0.3553

Complementary

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



22.3608, 0.2810, 0.3665



14.1832, 0.3610, 0.2947

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.



22.3608, 0.3750, 0.3239



22.3608, 0.2810, 0.3665



22.3608, 0.3037, 0.2746

Square

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



22.3608, 0.2810, 0.3665



22.3608, 0.2472, 0.2731



22.3608, 0.3428, 0.2952



22.3608, 0.3816, 0.3826

Rectangle

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



22.3608, 0.2810, 0.3665



22.3608, 0.2437, 0.3056



22.3608, 0.3428, 0.2952



22.3608, 0.3870, 0.3449

Sweetspot

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



22.3617, 0.2810, 0.3665



43.6892, 0.3019, 0.3397



22.8657, 0.3290, 0.4233



10.0103, 0.3008, 0.3409



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.3617, 0.2810, 0.3665



38.3254, 0.2751, 0.3766



21.4739, 0.2637, 0.3194



5.6563, 0.3039, 0.3376



17.2632, 0.2604, 0.4575



0.1176, 0.2427, 0.3937

Inverse Universe

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



14.1832, 0.3610, 0.2947



21.6692, 0.3767, 0.2869



14.6784, 0.3889, 0.3382



5.0786, 0.3224, 0.3206



5.1964, 0.5362, 0.2727



0.0372, 0.4344, 0.2166

Previews

White Background



This preview shows how the Yxy color 22.3608, 0.2810, 0.3665 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 22.3608, 0.2810, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

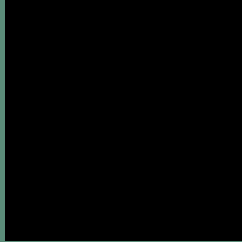
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3608, 0.2810, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 22.3608, 0.2810, 0.3665.



This preview shows how white text looks on a background with the Yxy color 22.3608, 0.2810, 0.3665.

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

22.3608, 0.2810, 0.3665

Protanopia

22.0892, 0.3355, 0.3540

Deuteranopia

22.0518, 0.3371, 0.3308



Tritanopia

22.2563, 0.2633, 0.3085

Trichromacy



Original Color

22.3608, 0.2810, 0.3665

Protanomaly

21.9814, 0.3136, 0.3589

Deuteranomaly

21.7553, 0.3144, 0.3418

Tritanomaly

22.1592, 0.2693, 0.3270

Monochromacy



Original Color

22.3608, 0.2810, 0.3665

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

20.4852, 0.2995, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3608, 0.2810, 0.3665 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(91, 140, 121)` looks like.

```
.text, #text, p{  
    color:rgb(91, 140, 121)  
}
```

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(91, 140, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 140, 121) }
```

Border

The CSS property to change the border of an element to Yxy 22.3608, 0.2810, 0.3665 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(91, 140, 121) }
```

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

```
.border{ border-color:rgb(91, 140, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 140, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 140, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 140, 121);  
box-shadow:4px 4px 4px 4px rgb(91, 140,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3608, 0.2810, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 140, 121) }
```

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

```
.background{ background-color: rgb(91, 140,  
121) }
```

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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