

Converting Colors

$Y_{xy}(22.6725, 0.2752, 0.3601)$

Have a look what the booklet for
Yxy(22.6725, 0.2752, 0.3601)
contains.

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Color

$\text{Yxy}(22.6051, 0.2751, 0.3605)$

Conversions

Conversions Part 1

Format	Color
Hex	588D7D
RGB	88, 141, 125
RGB Percent	35%, 55%, 49%
CMY	0.6549, 0.4470, 0.5099
CMYK	0.38, 0.00, 0.11, 0.45
HSL	162°, 23%, 45%
HSV	162°, 38%, 55%
XYZ	17.2501, 22.6051, 22.8496
YIQ	123.3290, -26.4520, -16.2120

Conversions

Conversions Part 2

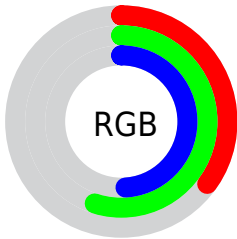
Format	Color
R_{YB}	88, 119, 141
Decimal	5803389
CIE _{Lab}	54.66, -21.50, 2.98
CIE _{LCh}	55, 21.701, 172.102
Yxy	22.6051, 0.2751, 0.3605
Android (android.graphics.Color)	4283993469 (0xFF588D7D)
YUV	123.3290, 0.8238, -30.9835
Hunter-Lab	47.5448, -18.4405, 4.7871

Details

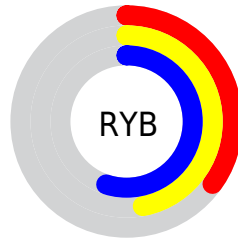
The Yxy color **22.6051, 0.2751, 0.3605** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.6429, 0.3734, 0.3001**, and the grayscale version is **19.9255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8200, 0.2831, 0.3529**, and **8.4160, 0.2608, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **21.8765, 0.2672, 0.3705**, and if you desaturate by 10%, it is **23.4733, 0.2841, 0.3511**.

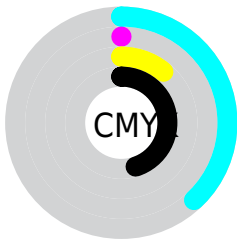
Distribution



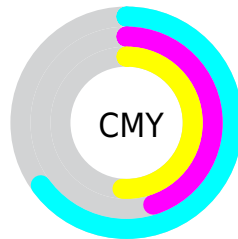
- Red (35%)
- Green (55%)
- Blue (49%)



- Red (35%)
- Yellow (47%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (65%)
- Magenta (45%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.6051, 0.2751, 0.3605 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 22.6051, 0.2751, 0.3605 by changing the saturation by 10% instead.

■ 22.6051, 0.2751,
0.3605

■ 22.6051, 0.2751,
0.3605

■ 265.6902, 0.2963,
0.3426

■ 14.3022, 0.2689,
0.3659

■ 47.7441, 0.2834,
0.3534

■ 8.3311, 0.2601,
0.3735

■ 65.3489, 0.2864,
0.3509

■ 4.3076, 0.2471,
0.3850

■ 86.8232, 0.2888,
0.3489

■ 1.8471, 0.2257,
0.4044

■ 112.5514, 0.2908,
0.3472

■ 0.5162, 0.0000,
0.5935

■ 142.9178, 0.2925,
0.3458

■ 0.0000, 0.0000,
0.0000

178.3067, 0.2939,

0.3446

219.1027, 0.2952,
0.3435

■ 22.6051, 0.2751,
0.3605

■ 22.6051, 0.2751,
0.3605

■ 21.8765, 0.2672,
0.3705

■ 23.4733, 0.2841,
0.3511

■ 21.2771, 0.2607,
0.3811

■ 24.4854, 0.2940,
0.3424

■ 20.7991, 0.2558,
0.3920


■ 25.6492, 0.3045,
0.3345


■ 20.4330, 0.2528,
0.4032


■ 26.9707, 0.3153,
0.3273

■ 20.1676, 0.2516,
0.4144

■ 28.4559, 0.3263,
0.3209

 19.9816, 0.2521,
0.4255

 30.1102, 0.3373,
0.3152

 19.9400, 0.2523,
0.4282

 31.9392, 0.3481,
0.3101

 33.9476, 0.3586,
0.3057

 36.1406, 0.3688,
0.3018

Harmonies

Analogous

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



22.6051, 0.3111, 0.3894



22.6051, 0.2751, 0.3605



22.6051, 0.2500, 0.3229

Triad

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



22.6051, 0.2751, 0.3605



22.6051, 0.2743, 0.2666



22.6051, 0.3899, 0.3607

Complementary

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



22.6051, 0.2751, 0.3605



13.6429, 0.3734, 0.3001

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.



22.6051, 0.3793, 0.3294



22.6051, 0.2751, 0.3605



22.6051, 0.3105, 0.2773

Square

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



22.6051, 0.2751, 0.3605



22.6051, 0.2497, 0.2706



22.6051, 0.3495, 0.2997



22.6051, 0.3783, 0.3866

Rectangle

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



22.6051, 0.2751, 0.3605



22.6051, 0.2422, 0.2999



22.6051, 0.3495, 0.2997



22.6051, 0.3889, 0.3505

Sweetspot

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



22.6060, 0.2751, 0.3605



45.1384, 0.3006, 0.3373



22.7459, 0.3251, 0.4328



10.0271, 0.2994, 0.3382



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.



22.6060, 0.2751, 0.3605



39.3707, 0.2684, 0.3689



20.3079, 0.2593, 0.3099



6.0889, 0.3028, 0.3357



18.1833, 0.2522, 0.4278



0.1778, 0.2380, 0.3769

Inverse Universe

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



13.6429, 0.3734, 0.3001



20.9497, 0.3938, 0.2937



15.0507, 0.3940, 0.3470



5.4493, 0.3237, 0.3224



5.3224, 0.5691, 0.2909



0.0544, 0.4632, 0.2326

Previews

White Background



This preview shows how the Yxy color 22.6051, 0.2751, 0.3605 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 22.6051, 0.2751, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

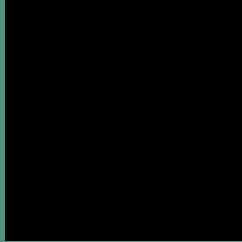
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6051, 0.2751, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 22.6051, 0.2751, 0.3605.



This preview shows how white text looks on a background with the Yxy color 22.6051, 0.2751, 0.3605.

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

22.6051, 0.2751, 0.3605

Protanopia

22.4481, 0.3307, 0.3485

Deuteranopia

22.3199, 0.3310, 0.3257



Tritanopia

22.7266, 0.2597, 0.3085

Trichromacy



Original Color

22.6051, 0.2751, 0.3605

Protanomaly

22.2822, 0.3082, 0.3532

Deuteranomaly

21.9759, 0.3078, 0.3363

Tritanomaly

22.6340, 0.2655, 0.3270

Monochromacy



Original Color

22.6051, 0.2751, 0.3605

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

20.7355, 0.2964, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6051, 0.2751, 0.3605 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(88, 141, 125)` looks like.

```
.text, #text, p{  
    color:rgb(88, 141, 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(88, 141, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 141, 125) }
```

Border

The CSS property to change the border of an element to Yxy 22.6051, 0.2751, 0.3605 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(88, 141, 125) }
```

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

```
.border{ border-color:rgb(88, 141, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 141, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 141, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 141, 125);  
box-shadow:4px 4px 4px 4px rgb(88, 141,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6051, 0.2751, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 141, 125) }
```

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

```
.background{ background-color: rgb(88, 141,  
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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