

Converting Colors

$Yxy(22.3042, 0.2700, 0.3365)$

Have a look what the booklet for
Yxy(22.3042, 0.2700, 0.3365)
contains.

Yxy(22.1735, 0.2703, 0.3366)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(22.1735, 0.2703, 0.3366)$

Conversions

Conversions Part 1

Format	Color
Hex	5C8A86
RGB	92, 138, 134
RGB Percent	36%, 54%, 53%
CMY	0.6392, 0.4588, 0.4745
CMYK	0.33, 0.00, 0.03, 0.46
HSL	175°, 20%, 45%
HSV	175°, 33%, 54%
XYZ	17.8060, 22.1735, 25.8954
YIQ	123.7900, -26.1320, -10.9960

Conversions

Conversions Part 2

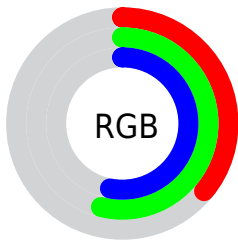
Format	Color
R_{YB}	92, 116, 138
Decimal	6064774
CIE _{Lab}	54.21, -16.54, -2.86
CIE _{LCh}	54, 16.781, 189.814
Yxy	22.1735, 0.2703, 0.3366
Android (android.graphics.Color)	4284254854 (0xFF5C8A86)
YUV	123.7900, 5.0335, -27.8798
Hunter-Lab	47.0887, -14.9079, 0.3569

Details

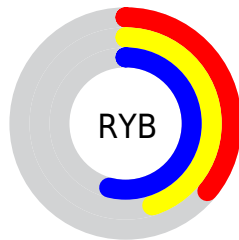
The Yxy color **22.1735, 0.2703, 0.3366** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.9047, 0.3800, 0.3218**, and the grayscale version is **20.0732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2164, 0.2797, 0.3358**, and **8.1118, 0.2541, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **21.4938, 0.2599, 0.3392**, and if you desaturate by 10%, it is **22.9848, 0.2820, 0.3341**.

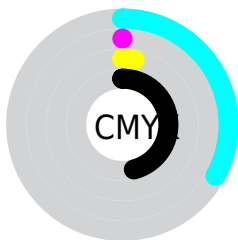
Distribution



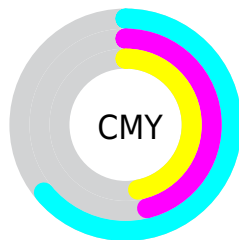
- Red (36%)
- Green (54%)
- Blue (53%)



- Red (36%)
- Yellow (45%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.1735, 0.2703, 0.3366 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 22.1735, 0.2703, 0.3366 by changing the saturation by 10% instead.

■ 22.1735, 0.2703,
0.3366

■ 22.1735, 0.2703,
0.3366

■ 263.4510, 0.2939,
0.3326

■ 13.9844, 0.2634,
0.3377

■ 47.0326, 0.2796,
0.3351

■ 8.1098, 0.2539,
0.3391

■ 64.4714, 0.2828,
0.3345

■ 4.1653, 0.2399,
0.3410

■ 85.7623, 0.2855,
0.3341

■ 1.7665, 0.2173,
0.3436

■ 111.2896, 0.2877,
0.3337

■ 0.4661, 0.0325,
0.3843

■ 141.4377, 0.2896,
0.3333

■ 0.0000, 0.0000,
0.0000

176.5910, 0.2913,

0.3331

217.1340, 0.2927,
0.3328

■ 22.1735, 0.2703,
0.3366

■ 22.1735, 0.2703,
0.3366

■ 21.4938, 0.2599,
0.3392

■ 22.9848, 0.2820,
0.3341

■ 20.9360, 0.2510,
0.3420

■ 23.9316, 0.2947,
0.3318

■ 20.4934, 0.2438,
0.3448

■ 25.0209, 0.3081,
0.3297

■ 20.1573, 0.2384,
0.3477

■ 26.2583, 0.3221,
0.3277

■ 19.9179, 0.2348,
0.3505

■ 27.6492, 0.3363,
0.3260

■ 19.7636, 0.2328,
0.3534

■ 29.1987, 0.3505,
0.3244

■ 19.6834, 0.2320,
0.3553

■ 30.9118, 0.3647,
0.3231

■ 32.7930, 0.3785,
0.3219

■ 34.8470, 0.3919,
0.3209

Harmonies

Analogous

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



22.1735, 0.2945, 0.3637



22.1735, 0.2703, 0.3366



22.1735, 0.2575, 0.3087

Triad

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



22.1735, 0.2703, 0.3366



22.1735, 0.2989, 0.2833



22.1735, 0.3695, 0.3673

Complementary

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



22.1735, 0.2703, 0.3366



13.9047, 0.3800, 0.3218

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.



22.1735, 0.3713, 0.3447



22.1735, 0.2703, 0.3366



22.1735, 0.3294, 0.2977

Square

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



22.1735, 0.2703, 0.3366



22.1735, 0.2734, 0.2796



22.1735, 0.3564, 0.3197



22.1735, 0.3520, 0.3810

Rectangle

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



22.1735, 0.2703, 0.3366



22.1735, 0.2566, 0.2939



22.1735, 0.3564, 0.3197



22.1735, 0.3720, 0.3604

Sweetspot

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



22.1744, 0.2703, 0.3366



42.7531, 0.2988, 0.3311



21.4702, 0.3131, 0.4225



9.5389, 0.2972, 0.3314



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



22.1744, 0.2703, 0.3366



38.1618, 0.2623, 0.3386



17.4493, 0.2625, 0.2922



5.6812, 0.3002, 0.3309



18.0478, 0.2320, 0.3552



0.1209, 0.2281, 0.3410

Inverse Universe

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



13.9047, 0.3800, 0.3218



21.2598, 0.4027, 0.3201



17.4164, 0.3758, 0.3629



5.0552, 0.3268, 0.3271



4.9795, 0.6266, 0.3226



0.0339, 0.5716, 0.2922

Previews

White Background



This preview shows how the Yxy color 22.1735, 0.2703, 0.3366 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 22.1735, 0.2703, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

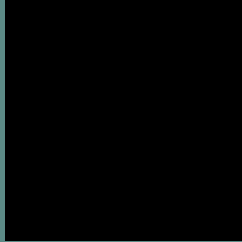
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1735, 0.2703, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 22.1735, 0.2703, 0.3366.



This preview shows how white text looks on a background with the Yxy color 22.1735, 0.2703, 0.3366.

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

22.1735, 0.2703, 0.3366

Protanopia

22.0843, 0.3161, 0.3308

Deuteranopia

21.8766, 0.3149, 0.3085



Tritanopia

22.1478, 0.2616, 0.3084

Trichromacy



Original Color

22.1735, 0.2703, 0.3366

Protanomaly

21.8961, 0.2980, 0.3326

Deuteranomaly

21.8078, 0.2963, 0.3181

Tritanomaly

22.2240, 0.2651, 0.3194

Monochromacy



Original Color

22.1735, 0.2703, 0.3366

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.7038, 0.2945, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1735, 0.2703, 0.3366 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(92, 138, 134)` looks like.

```
.text, #text, p{  
    color:rgb(92, 138, 134)  
}
```

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(92, 138, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 138, 134) }
```

Border

The CSS property to change the border of an element to Yxy 22.1735, 0.2703, 0.3366 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(92, 138, 134) }
```

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

```
.border{ border-color:rgb(92, 138, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 138, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 138, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 138, 134);  
box-shadow:4px 4px 4px 4px rgb(92, 138,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1735, 0.2703, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 138, 134) }
```

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

```
.background{ background-color: rgb(92, 138,  
134) }
```

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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