

Converting Colors

$Y_{xy}(22.8247, 0.2672, 0.2971)$

Have a look what the booklet for
Yxy(22.8247, 0.2672, 0.2971)
contains.

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Color

Yxy(22.7537, 0.2670, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	6B8799
RGB	107, 135, 153
RGB Percent	42%, 53%, 60%
CMY	0.5805, 0.4706, 0.3999
CMYK	0.30, 0.12, 0.00, 0.40
HSL	203°, 18%, 51%
HSV	203°, 30%, 60%
XYZ	20.4760, 22.7537, 33.4595
YIQ	128.6800, -22.4660, -0.3380

Conversions

Conversions Part 2

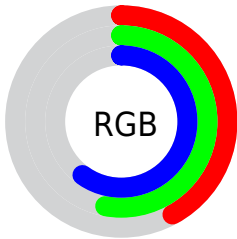
Format	Color
R_{YB}	107, 124, 153
Decimal	7047065
CIE _{Lab}	54.82, -5.51, -12.86
CIE _{LCh}	55, 13.995, 246.803
Yxy	22.7537, 0.2670, 0.2967
Android (android.graphics.Color)	4285237145 (0xFF6B8799)
YUV	128.6800, 11.9898, -19.0134
Hunter-Lab	47.7008, -6.8537, -8.1981

Details

The Yxy color **22.7537, 0.2670, 0.2967** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5001, 0.3691, 0.3591**, and the grayscale version is **21.7976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8424, 0.2767, 0.3040**, and **8.3558, 0.2502, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **20.2648, 0.2520, 0.2840**, and if you desaturate by 10%, it is **25.5062, 0.2823, 0.3085**.

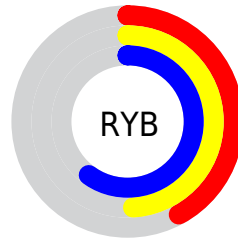
Distribution



Red (42%)

Green (53%)

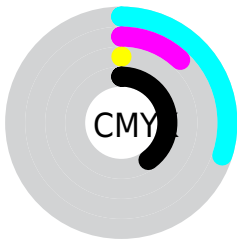
Blue (60%)



Red (42%)

Yellow (49%)

Blue (60%)

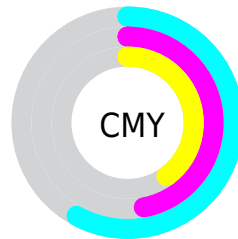


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (40%)



Cyan (58%)

Magenta (47%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.7537, 0.2670, 0.2967 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 22.7537, 0.2670, 0.2967 by changing the saturation by 10% instead.

■ 22.7537, 0.2670,
0.2967

■ 22.7537, 0.2670,
0.2967

266.4574, 0.2922,
0.3149

■ 14.4117, 0.2598,
0.2913

■ 47.9886, 0.2768,
0.3039

■ 8.4076, 0.2499,
0.2839

■ 65.6503, 0.2803,
0.3064

■ 4.3568, 0.2357,
0.2728

■ 87.1874, 0.2832,
0.3085

■ 1.8751, 0.2133,
0.2549

■ 112.9843, 0.2856,
0.3102

■ 0.5334, 0.1500,
0.2148

143.4253, 0.2876,
0.3116

■ 0.0000, 0.0000,
0.0000

178.8949, 0.2894,

0.3129

219.7775, 0.2909,
0.3140

■ 22.7537, 0.2670,
0.2967

■ 22.7537, 0.2670,
0.2967

■ 20.2648, 0.2520,
0.2840

■ 25.5062, 0.2823,
0.3085

■ 18.0264, 0.2377,
0.2704

■ 28.5293, 0.2976,
0.3192

■ 16.0282, 0.2245,
0.2561

■ 31.8330, 0.3126,
0.3289

■ 14.2579, 0.2127,
0.2414

■ 35.4260, 0.3272,
0.3376

■ 12.7016, 0.2026,
0.2266

■ 39.3164, 0.3412,
0.3453

■ 11.3435, 0.1946,
0.2118

■ 43.5122, 0.3545,
0.3522

■ 10.1567, 0.1882,
0.1975

■ 48.0208, 0.3671,
0.3582

■ 52.8495, 0.3790,
0.3635

■ 58.0053, 0.3901,
0.3681

Harmonies

Analogous

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



22.7537, 0.2673, 0.3146



22.7537, 0.2670, 0.2967



22.7537, 0.2784, 0.2881

Triad

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



22.7537, 0.2670, 0.2967



22.7537, 0.3469, 0.3193



22.7537, 0.3250, 0.3717

Complementary

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



22.7537, 0.2670, 0.2967



22.5001, 0.3691, 0.3591

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.



22.7537, 0.3472, 0.3714



22.7537, 0.2670, 0.2967



22.7537, 0.3604, 0.3403

Square

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



22.7537, 0.2670, 0.2967



22.7537, 0.3241, 0.3013



22.7537, 0.3604, 0.3594



22.7537, 0.3001, 0.3593

Rectangle

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



22.7537, 0.2670, 0.2967



22.7537, 0.2913, 0.2883



22.7537, 0.3604, 0.3594



22.7537, 0.3331, 0.3731

Sweetspot

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



22.7546, 0.2670, 0.2967



51.5963, 0.2989, 0.3201



27.3854, 0.2936, 0.3805



11.2243, 0.2969, 0.3188



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



22.7546, 0.2670, 0.2967



37.7364, 0.2570, 0.2884



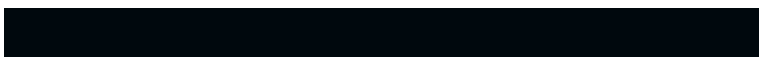
17.0894, 0.2624, 0.2541



6.6205, 0.2989, 0.3201



8.4577, 0.1885, 0.1985



0.1969, 0.2058, 0.2610

Inverse Universe

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



19.0337, 0.3388, 0.2832



30.3197, 0.3465, 0.2729



28.9060, 0.3591, 0.3942



6.2827, 0.3194, 0.3155



6.2591, 0.4470, 0.2236



0.1007, 0.3814, 0.1875

Previews

White Background



This preview shows how the Yxy color 22.7537, 0.2670, 0.2967 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 22.7537, 0.2670, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

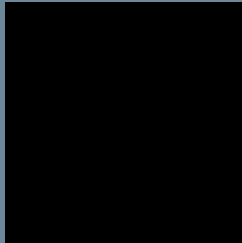
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

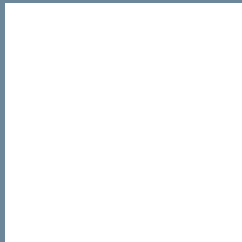
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.7537, 0.2670, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 22.7537, 0.2670, 0.2967.



This preview shows how white text looks on a background with the Yxy color 22.7537, 0.2670, 0.2967.

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

22.7537, 0.2670, 0.2967

Protanopia

22.7565, 0.2900, 0.2947

Deuteranopia

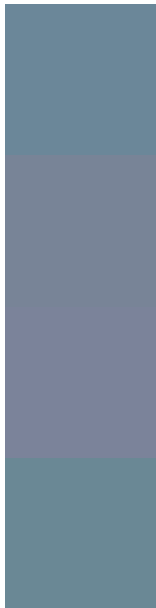
22.7104, 0.2893, 0.2838



Tritanopia

22.7791, 0.2714, 0.3089

Trichromacy



Original Color

22.7537, 0.2670, 0.2967

Protanomaly

22.7300, 0.2809, 0.2958

Deuteranomaly

22.7766, 0.2810, 0.2894

Tritanomaly

22.8424, 0.2697, 0.3054

Monochromacy



Original Color

22.7537, 0.2670, 0.2967

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.1325, 0.2943, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7537, 0.2670, 0.2967 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(107, 135, 153)` looks like.

```
.text, #text, p{  
    color:rgb(107, 135, 153)  
}
```

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(107, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 135, 153) }
```

Border

The CSS property to change the border of an element to Yxy 22.7537, 0.2670, 0.2967 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(107, 135, 153) }
```

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

```
.border{ border-color:rgb(107, 135, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 135, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(107, 135,  
153) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.7537, 0.2670, 0.2967$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 135, 153) }
```

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

```
.background{ background-color: rgb(107,  
135, 153) }
```

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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