

Converting Colors

$Y_{xy}(27.1655, 0.2376, 0.2732)$

Have a look what the booklet for
Yxy(27.1655, 0.2376, 0.2732)
contains.

Yxy(27.1379, 0.2372, 0.2726)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.1379, 0.2372, 0.2726)

Conversions

Conversions Part 1

Format	Color
Hex	5B95B7
RGB	91, 149, 183
RGB Percent	36%, 58%, 72%
CMY	0.6429, 0.4157, 0.2823
CMYK	0.50, 0.19, 0.00, 0.28
HSL	202°, 39%, 54%
HSV	202°, 50%, 72%
XYZ	23.6138, 27.1379, 48.8004
YIQ	135.5340, -45.4820, -1.7220

Conversions

Conversions Part 2

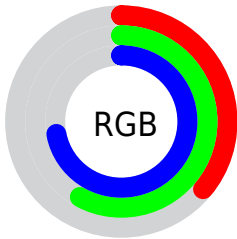
Format	Color
R _Y B	91, 127, 183
Decimal	6002103
CIE Lab	59.10, -9.39, -23.57
CIE LCh	59, 25.372, 248.280
Yxy	27.1379, 0.2372, 0.2726
Android (android.graphics.Color)	4284192183 (0xFF5B95B7)
YUV	135.5340, 23.4007, -39.0563
Hunter-Lab	52.0940, -10.2522, -19.0756

Details

The Yxy color **27.1379, 0.2372, 0.2726** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **25.5115, 0.4256, 0.3774**, and the grayscale version is **24.3662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0549, 0.2521, 0.2844**, and **10.6541, 0.2123, 0.2516** is the 20% darker color. If you saturate the color by 10%, you get **24.2384, 0.2242, 0.2590**, and if you desaturate by 10%, it is **30.3908, 0.2514, 0.2856**.

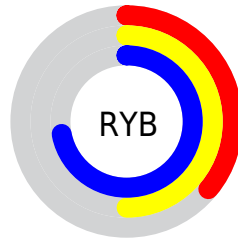
Distribution



Red (36%)

Green (58%)

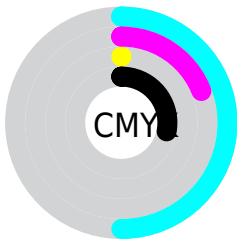
Blue (72%)



Red (36%)

Yellow (50%)

Blue (72%)

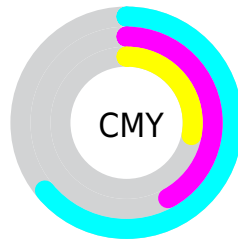


Cyan (50%)

Magenta (19%)

Yellow (0%)

Black (28%)



Cyan (64%)

Magenta (42%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1379, 0.2372, 0.2726 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 27.1379, 0.2372, 0.2726 by changing the saturation by 10% instead.

■ 27.1379, 0.2372,
0.2726

■ 27.1379, 0.2372,
0.2726

■ 288.3242, 0.2771,
0.3034

■ 17.6768, 0.2266,
0.2641

■ 55.1051, 0.2522,
0.2844

■ 10.7182, 0.2127,
0.2526

■ 74.3800, 0.2577,
0.2887

■ 5.8777, 0.1937,
0.2365

■ 97.6949, 0.2623,
0.2922

■ 2.7708, 0.1667,
0.2125

■ 125.4343, 0.2661,
0.2952

■ 1.0133, 0.1254,
0.1745

■ 157.9825, 0.2695,
0.2977

■ 0.0000, 0.0000,
0.0000

195.7240, 0.2724,

0.2999

239.0431, 0.2749,
0.3018

■ 27.1379, 0.2372,
0.2726

■ 27.1379, 0.2372,
0.2726

■ 24.2384, 0.2242,
0.2590

■ 30.3908, 0.2514,
0.2856

■ 21.6704, 0.2127,
0.2449

■ 34.0113, 0.2663,
0.2978

■ 19.4137, 0.2031,
0.2307

■ 38.0161, 0.2817,
0.3091

■ 17.4435, 0.1955,
0.2166

■ 42.4199, 0.2971,
0.3195

■ 15.7510, 0.1898,
0.2031

■ 47.2365, 0.3123,
0.3288

■ 52.4791, 0.3272,
0.3371

■ 58.1599, 0.3415,
0.3446

■ 64.2908, 0.3551,
0.3511

■ 70.7377, 0.3674,
0.3569

Harmonies

Analogous

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



27.1379, 0.2366, 0.3011



27.1379, 0.2372, 0.2726



27.1379, 0.2563, 0.2607

Triad

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



27.1379, 0.2372, 0.2726



27.1379, 0.3730, 0.3136



27.1379, 0.3303, 0.4035

Complementary

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



27.1379, 0.2372, 0.2726



25.5115, 0.4256, 0.3774

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.



27.1379, 0.3691, 0.4018



27.1379, 0.2372, 0.2726



27.1379, 0.3954, 0.3478

Square

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



27.1379, 0.2372, 0.2726



27.1379, 0.3337, 0.2843



27.1379, 0.3935, 0.3800



27.1379, 0.2885, 0.3808

Rectangle

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



27.1379, 0.2372, 0.2726



27.1379, 0.2779, 0.2621



27.1379, 0.3935, 0.3800



27.1379, 0.3442, 0.4056

Sweetspot

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



27.1389, 0.2372, 0.2726



71.9267, 0.2894, 0.3144



37.5745, 0.2842, 0.4280



15.5240, 0.2862, 0.3122



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



27.1389, 0.2372, 0.2726



43.0414, 0.2233, 0.2579



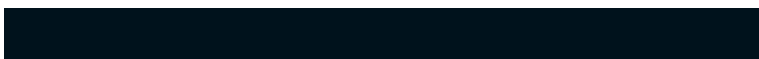
15.4096, 0.2219, 0.1926



9.6369, 0.2985, 0.3203



11.1211, 0.1902, 0.2048



0.5062, 0.2001, 0.2405

Inverse Universe

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



19.7300, 0.3626, 0.2492



29.6716, 0.3782, 0.2350



39.8577, 0.3927, 0.4356



9.1048, 0.3192, 0.3147



7.9050, 0.4399, 0.2197



0.2902, 0.4018, 0.1987

Previews

White Background



This preview shows how the Yxy color 27.1379, 0.2372, 0.2726 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 27.1379, 0.2372, 0.2726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

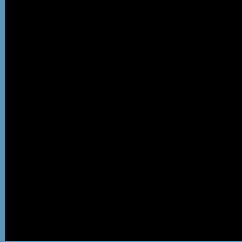
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

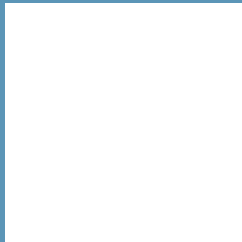
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.1379, 0.2372, 0.2726

Background



This preview shows how black text looks on a background with the Yxy color 27.1379, 0.2372, 0.2726.

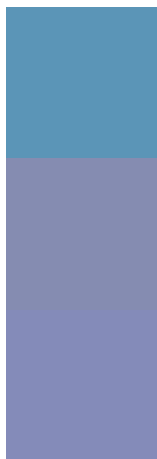


This preview shows how white text looks on a background with the Yxy color 27.1379, 0.2372, 0.2726.

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

27.1379, 0.2372, 0.2726

Protanopia

26.9170, 0.2718, 0.2711

Deuteranopia

26.8736, 0.2644, 0.2584



Tritanopia

27.1044, 0.2458, 0.3061

Trichromacy



Original Color

27.1379, 0.2372, 0.2726

Protanomaly

26.7511, 0.2578, 0.2712

Deuteranomaly

26.8875, 0.2534, 0.2639

Tritanomaly

27.1380, 0.2422, 0.2929

Monochromacy



Original Color

27.1379, 0.2372, 0.2726

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.3427, 0.2801, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1379, 0.2372, 0.2726 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, 149, 183)` looks like.

```
.text, #text, p{  
    color:rgb(91, 149, 183)  
}
```

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, 149, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 149, 183) }
```

Border

The CSS property to change the border of an element to Yxy 27.1379, 0.2372, 0.2726 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, 149, 183) }
```

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

```
.border{ border-color:rgb(91, 149, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 149, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 149, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 149, 183);  
box-shadow:4px 4px 4px 4px rgb(91, 149,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1379, 0.2372, 0.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 149, 183) }
```

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

```
.background{ background-color: rgb(91, 149,  
183) }
```

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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