

Converting Colors

$Y_{xy}(24.7580, 0.2695, 0.2749)$

Have a look what the booklet for
Yxy(24.7580, 0.2695, 0.2749)
contains.

Yxy(24.7580, 0.2695, 0.2749)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.7580, 0.2695, 0.2749)

Conversions

Conversions Part 1

Format	Color
Hex	7C88A9
RGB	124, 136, 169
RGB Percent	49%, 53%, 66%
CMY	0.5139, 0.4666, 0.3373
CMYK	0.27, 0.20, 0.00, 0.34
HSL	224°, 21%, 57%
HSV	224°, 27%, 66%
XYZ	24.2717, 24.7580, 41.0322
YIQ	136.1740, -17.7450, 7.7190

Conversions

Conversions Part 2

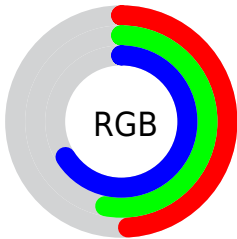
Format	Color
R_{YB}	124, 133, 169
Decimal	8161449
CIE _{Lab}	56.84, 3.26, -18.88
CIE _{LCh}	57, 19.156, 279.789
Yxy	24.7580, 0.2695, 0.2749
Android (android.graphics.Color)	4286351529 (0xFF7C88A9)
YUV	136.1740, 16.1832, -10.6766
Hunter-Lab	49.7574, -0.0032, -14.0630

Details

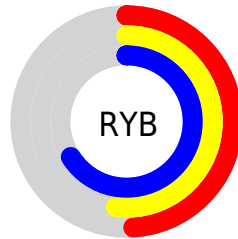
The Yxy color **24.7580, 0.2695, 0.2749** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **33.9773, 0.3562, 0.3778**, and the grayscale version is **24.6299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.1241, 0.2786, 0.2861**, and **9.3958, 0.2537, 0.2546** is the 20% darker color. If you saturate the color by 10%, you get **20.3199, 0.2515, 0.2506**, and if you desaturate by 10%, it is **29.8161, 0.2867, 0.2971**.

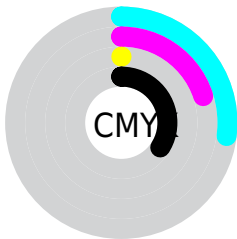
Distribution



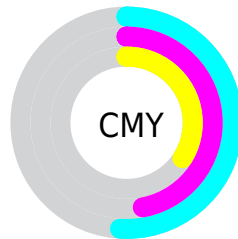
- Red (49%)
- Green (53%)
- Blue (66%)



- Red (49%)
- Yellow (52%)
- Blue (66%)



- Cyan (27%)
- Magenta (20%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.7580, 0.2695, 0.2749 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 24.7580, 0.2695, 0.2749 by changing the saturation by 10% instead.

■ 24.7580, 0.2695,
0.2749

■ 24.7580, 0.2695,
0.2749

276.6306, 0.2932,
0.3042

■ 15.8968, 0.2628,
0.2668

■ 51.2644, 0.2786,
0.2861

■ 9.4512, 0.2538,
0.2559

■ 69.6784, 0.2819,
0.2901

■ 5.0366, 0.2410,
0.2406

■ 92.0454, 0.2846,
0.2935

■ 2.2688, 0.2213,
0.2174

118.7499, 0.2869,
0.2963

■ 0.7571, 0.1882,
0.1783

150.1763, 0.2888,
0.2987

■ 0.0000, 0.0000,
0.0000

186.7090, 0.2905,

0.3008

228.7323, 0.2919,
0.3026

■ 24.7580, 0.2695,
0.2749

■ 24.7580, 0.2695,
0.2749

■ 20.3199, 0.2515,
0.2506

■ 29.8161, 0.2867,
0.2971

■ 16.4743, 0.2331,
0.2245

■ 35.5144, 0.3027,
0.3170

■ 13.1958, 0.2150,
0.1973

■ 41.8759, 0.3175,
0.3347

■ 10.4558, 0.1979,
0.1699

■ 48.9215, 0.3310,
0.3502

■ 8.2233, 0.1829,
0.1436

■ 56.6711, 0.3432,
0.3638

■ 6.4633, 0.1707,
0.1198

■ 65.1439, 0.3542,
0.3756

■ 5.1323, 0.1619,
0.0995

■ 74.3581, 0.3640,
0.3859

■ 4.7621, 0.1593,
0.0936

■ 83.5369, 0.3699,
0.3956

■ 90.8692, 0.3660,
0.4067

Harmonies

Analogous

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



24.7580, 0.2534, 0.2842



24.7580, 0.2695, 0.2749



24.7580, 0.2974, 0.2790

Triad

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



24.7580, 0.2695, 0.2749



24.7580, 0.3773, 0.3459



24.7580, 0.2926, 0.3674

Complementary

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



24.7580, 0.2695, 0.2749



33.9773, 0.3562, 0.3778

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.



24.7580, 0.3253, 0.3857



24.7580, 0.2695, 0.2749



24.7580, 0.3752, 0.3708

Square

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



24.7580, 0.2695, 0.2749



24.7580, 0.3608, 0.3186



24.7580, 0.3558, 0.3862



24.7580, 0.2662, 0.3373

Rectangle

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



24.7580, 0.2695, 0.2749



24.7580, 0.3197, 0.2883



24.7580, 0.3558, 0.3862



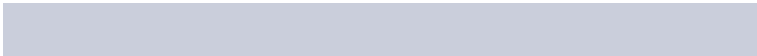
24.7580, 0.3032, 0.3753

Sweetspot

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



24.7590, 0.2695, 0.2749



62.0154, 0.3004, 0.3142



35.0631, 0.2840, 0.3492



13.1818, 0.2981, 0.3114



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



24.7590, 0.2695, 0.2749



39.5090, 0.2589, 0.2607



22.3116, 0.2775, 0.2564



7.6154, 0.2986, 0.3120



3.6273, 0.1598, 0.0953



0.1706, 0.1779, 0.1604

Inverse Universe

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



24.6152, 0.3536, 0.3108



39.4651, 0.3661, 0.3066



37.2225, 0.3424, 0.3963



7.5741, 0.3245, 0.3230



6.4372, 0.5830, 0.2985



0.1649, 0.4926, 0.2487

Previews

White Background



This preview shows how the Yxy color 24.7580, 0.2695, 0.2749 looks on a white background.

Color Contrast Check

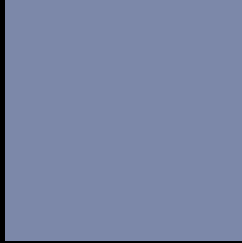
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7580, 0.2695, 0.2749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

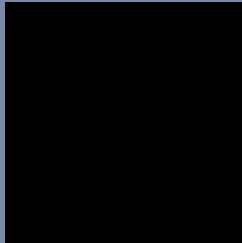
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

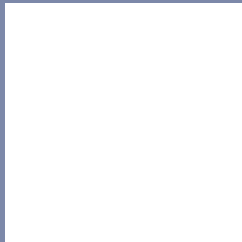
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.7580, 0.2695, 0.2749

Background



This preview shows how black text looks on a background with the Yxy color 24.7580, 0.2695, 0.2749.

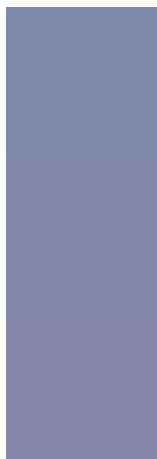


This preview shows how white text looks on a background with the Yxy color 24.7580, 0.2695, 0.2749.

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

24.7580, 0.2695, 0.2749

Protanopia

24.7443, 0.2740, 0.2752

Deuteranopia

24.5829, 0.2759, 0.2696



Tritanopia

24.6603, 0.2826, 0.3099

Trichromacy



Original Color

24.7580, 0.2695, 0.2749

Protanomaly

24.6671, 0.2731, 0.2751

Deuteranomaly

24.6196, 0.2731, 0.2708

Tritanomaly

24.6762, 0.2772, 0.2967

Monochromacy



Original Color

24.7580, 0.2695, 0.2749

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.6520, 0.2964, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7580, 0.2695, 0.2749 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(124, 136, 169)` looks like.

```
.text, #text, p{  
    color:rgb(124, 136, 169)  
}
```

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(124, 136, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 136, 169) }
```

Border

The CSS property to change the border of an element to Yxy 24.7580, 0.2695, 0.2749 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(124, 136, 169) }
```

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

```
.border{ border-color:rgb(124, 136, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 136, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 136, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 136, 169);  
box-shadow:4px 4px 4px 4px rgb(124, 136,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7580, 0.2695, 0.2749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 136, 169) }
```

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

```
.background{ background-color: rgb(124,  
136, 169) }
```

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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