

Converting Colors

$Y_{xy}(25.5152, 0.2516, 0.2491)$

Have a look what the booklet for
Yxy(25.5152, 0.2516, 0.2491)
contains.

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Color

Yxy(25.5152, 0.2516, 0.2491)

Conversions

Conversions Part 1

Format	Color
Hex	7889BC
RGB	120, 137, 188
RGB Percent	47%, 54%, 74%
CMY	0.5293, 0.4628, 0.2627
CMYK	0.36, 0.27, 0.00, 0.26
HSL	225°, 34%, 60%
HSV	225°, 36%, 74%
XYZ	25.7713, 25.5152, 51.1431
YIQ	137.7310, -26.5030, 12.2570

Conversions

Conversions Part 2

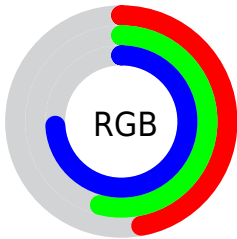
Format	Color
R_{YB}	120, 134, 188
Decimal	7899580
CIE _{Lab}	57.57, 6.49, -28.62
CIE _{LCh}	58, 29.343, 282.781
Yxy	25.5152, 0.2516, 0.2491
Android (android.graphics.Color)	4286089660 (0xFF7889BC)
YUV	137.7310, 24.7826, -15.5501
Hunter-Lab	50.5126, 2.6728, -24.6713

Details

The Yxy color $25.5152, 0.2516, 0.2491$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $41.1873, 0.3736, 0.3976$, and the grayscale version is $25.2217, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3572, 0.2643, 0.2651$, and $9.7946, 0.2298, 0.2214$ is the 20% darker color. If you saturate the color by 10%, you get $20.5490, 0.2329, 0.2222$, and if you desaturate by 10%, it is $31.2717, 0.2699, 0.2742$.

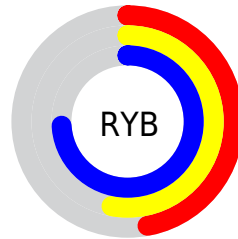
Distribution



Red (47%)

Green (54%)

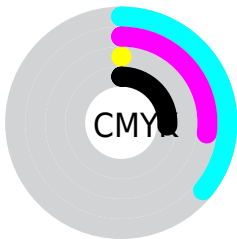
Blue (74%)



Red (47%)

Yellow (53%)

Blue (74%)

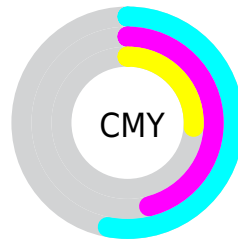


Cyan (36%)

Magenta (27%)

Yellow (0%)

Black (26%)



Cyan (53%)

Magenta (46%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.5152, 0.2516, 0.2491 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 25.5152, 0.2516, 0.2491 by changing the saturation by 10% instead.

■ 25.5152, 0.2516,
0.2491

■ 25.5152, 0.2516,
0.2491

280.3940, 0.2847,
0.2914

■ 16.4613, 0.2426,
0.2379

■ 52.4918, 0.2642,
0.2650

■ 9.8512, 0.2306,
0.2232

■ 71.1833, 0.2687,
0.2708

■ 5.3004, 0.2139,
0.2033

■ 93.8561, 0.2725,
0.2756

■ 2.4246, 0.1896,
0.1749

120.8947, 0.2757,
0.2797

■ 0.8385, 0.1520,
0.1327

152.6834, 0.2784,
0.2833

■ 0.0000, 0.0000,
0.0000

189.6066, 0.2808,

0.2863

232.0486, 0.2829,
0.2890

■ 25.5152, 0.2516,
0.2491

■ 25.5152, 0.2516,
0.2491

■ 20.5490, 0.2329,
0.2222

■ 31.2717, 0.2699,
0.2742

■ 16.3345, 0.2144,
0.1941

■ 37.8490, 0.2873,
0.2971

■ 12.8341, 0.1970,
0.1660

■ 45.2793, 0.3034,
0.3176

■ 10.0053, 0.1817,
0.1392

■ 53.5923, 0.3183,
0.3357

■ 7.8009, 0.1694,
0.1151

■ 62.8163, 0.3317,
0.3516

■ 6.1648, 0.1607,
0.0951

■ 72.9783, 0.3438,
0.3655

■ 5.6578, 0.1579,
0.0886

■ 84.1039, 0.3547,
0.3776

■ 93.1730, 0.3538,
0.3903

■ 96.4108, 0.3526,
0.3949

Harmonies

Analogous

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



25.5152, 0.2268, 0.2593



25.5152, 0.2516, 0.2491



25.5152, 0.2938, 0.2575

Triad

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



25.5152, 0.2516, 0.2491



25.5152, 0.4120, 0.3559



25.5152, 0.2769, 0.3846

Complementary

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



25.5152, 0.2516, 0.2491



41.1873, 0.3736, 0.3976

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.



25.5152, 0.3252, 0.4157



25.5152, 0.2516, 0.2491



25.5152, 0.4049, 0.3928

Square

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



25.5152, 0.2516, 0.2491



25.5152, 0.3896, 0.3163



25.5152, 0.3724, 0.4168



25.5152, 0.2401, 0.3355

Rectangle

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



25.5152, 0.2516, 0.2491



25.5152, 0.3277, 0.2719



25.5152, 0.3724, 0.4168



25.5152, 0.2923, 0.3979

Sweetspot

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



25.5162, 0.2516, 0.2491



75.0967, 0.2955, 0.3076



42.9022, 0.2733, 0.3544



15.7605, 0.2933, 0.3048



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



25.5162, 0.2516, 0.2491



39.3187, 0.2375, 0.2289



22.3915, 0.2637, 0.2261



9.6019, 0.2984, 0.3113



3.9535, 0.1585, 0.0905



0.2626, 0.1719, 0.1390

Inverse Universe

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



25.9378, 0.3766, 0.3055



40.7435, 0.3967, 0.3006



45.9820, 0.3509, 0.4226



9.5744, 0.3250, 0.3233



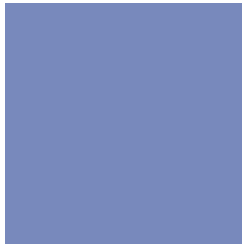
7.4288, 0.5903, 0.3026



0.3019, 0.5205, 0.2641

Previews

White Background



This preview shows how the Yxy color 25.5152, 0.2516, 0.2491 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 25.5152, 0.2516, 0.2491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

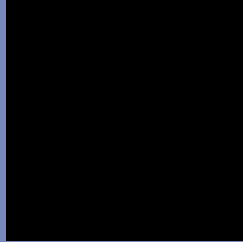
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

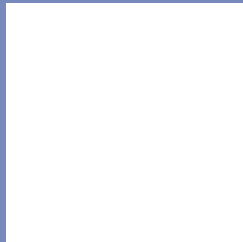
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.5152, 0.2516, 0.2491

Background



This preview shows how black text looks on a background with the Yxy color 25.5152, 0.2516, 0.2491.



This preview shows how white text looks on a background with the Yxy color 25.5152, 0.2516, 0.2491.

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

25.5152, 0.2516, 0.2491

Protanopia

25.4071, 0.2546, 0.2493

Deuteranopia

25.4501, 0.2539, 0.2480



Tritanopia

25.4562, 0.2714, 0.3081

Trichromacy



Original Color

25.5152, 0.2516, 0.2491

Protanomaly

25.3338, 0.2537, 0.2492

Deuteranomaly

25.3767, 0.2530, 0.2478

Tritanomaly

25.4846, 0.2640, 0.2854

Monochromacy



Original Color

25.5152, 0.2516, 0.2491

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.4026, 0.2879, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5152, 0.2516, 0.2491 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(120, 137, 188)` looks like.

```
.text, #text, p{  
    color:rgb(120, 137, 188)  
}
```

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(120, 137, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 137, 188) }
```

Border

The CSS property to change the border of an element to Yxy 25.5152, 0.2516, 0.2491 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(120, 137, 188) }
```

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

```
.border{ border-color:rgb(120, 137, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 137, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 137, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 137, 188);  
box-shadow:4px 4px 4px 4px rgb(120, 137,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5152, 0.2516, 0.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 137, 188) }
```

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

```
.background{ background-color: rgb(120,  
137, 188) }
```

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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