

Converting Colors

$Y_{xy}(24.1424, 0.2622, 0.2856)$

Have a look what the booklet for
Yxy(24.1424, 0.2622, 0.2856)
contains.

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Color

Yxy(24.1363, 0.2622, 0.2859)

Conversions

Conversions Part 1

Format	Color
Hex	6E8AA3
RGB	110, 138, 163
RGB Percent	43%, 54%, 64%
CMY	0.5684, 0.4589, 0.3607
CMYK	0.32, 0.15, 0.00, 0.36
HSL	208°, 22%, 54%
HSV	208°, 32%, 64%
XYZ	22.1355, 24.1363, 38.1504
YIQ	132.4780, -24.7130, 1.8390

Conversions

Conversions Part 2

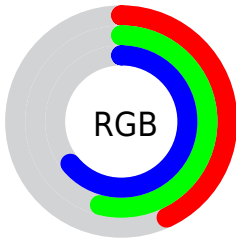
Format	Color
R_{YB}	110, 128, 163
Decimal	7244451
CIE _{Lab}	56.22, -3.69, -16.47
CIE _{LCh}	56, 16.880, 257.386
Yxy	24.1363, 0.2622, 0.2859
Android (android.graphics.Color)	4285434531 (0xFF6E8AA3)
YUV	132.4780, 15.0473, -19.7132
Hunter-Lab	49.1287, -5.5500, -11.6509

Details

The Yxy color $24.1363, 0.2622, 0.2859$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $26.2655, 0.3731, 0.3684$, and the grayscale version is $23.2112, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1101, 0.2728, 0.2947$, and $9.0878, 0.2442, 0.2699$ is the 20% darker color. If you saturate the color by 10%, you get $21.0530, 0.2465, 0.2700$, and if you desaturate by 10%, it is $27.5706, 0.2781, 0.3006$.

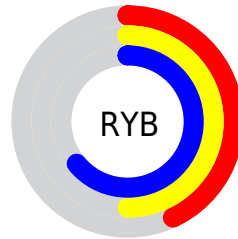
Distribution



Red (43%)

Green (54%)

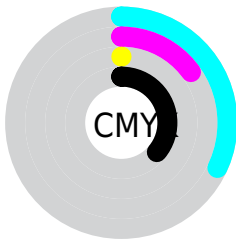
Blue (64%)



Red (43%)

Yellow (50%)

Blue (64%)

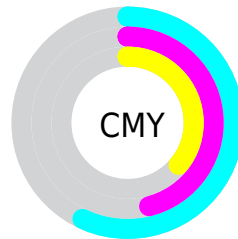


Cyan (32%)

Magenta (15%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (46%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1363, 0.2622, 0.2859 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 24.1363, 0.2622, 0.2859 by changing the saturation by 10% instead.

■ 24.1363, 0.2622,
0.2859

■ 24.1363, 0.2622,
0.2859

273.5088, 0.2898,
0.3098

■ 15.4348, 0.2545,
0.2791

■ 50.2525, 0.2728,
0.2952

■ 9.1251, 0.2440,
0.2698

■ 68.4360, 0.2766,
0.2985

■ 4.8229, 0.2291,
0.2563

■ 90.5489, 0.2798,
0.3012

■ 2.1437, 0.2063,
0.2353

■ 116.9757, 0.2824,
0.3035

■ 0.6890, 0.1617,
0.1973

148.1006, 0.2847,
0.3054

■ 0.0000, 0.0000,
0.0000

184.3082, 0.2866,

0.3071

225.9828, 0.2883,
0.3085

■ 24.1363, 0.2622,
0.2859

■ 24.1363, 0.2622,
0.2859

■ 21.0530, 0.2465,
0.2700

■ 27.5706, 0.2781,
0.3006

■ 18.3042, 0.2314,
0.2530

■ 31.3661, 0.2937,
0.3141

■ 15.8759, 0.2173,
0.2352

■ 35.5358, 0.3090,
0.3262

■ 13.7517, 0.2047,
0.2171

■ 40.0912, 0.3236,
0.3370

■ 11.9134, 0.1940,
0.1990

■ 45.0432, 0.3376,
0.3466

■ 10.3396, 0.1855,
0.1814

■ 50.4024, 0.3506,
0.3551

■ 9.2985, 0.1802,
0.1686

■ 56.1788, 0.3629,
0.3626

■ 62.3820, 0.3743,
0.3691

■ 68.6846, 0.3835,
0.3750

Harmonies

Analogous

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



24.1363, 0.2576, 0.3032



24.1363, 0.2622, 0.2859



24.1363, 0.2797, 0.2804

Triad

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



24.1363, 0.2622, 0.2859



24.1363, 0.3605, 0.3260



24.1363, 0.3166, 0.3764

Complementary

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



24.1363, 0.2622, 0.2859



26.2655, 0.3731, 0.3684

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.



24.1363, 0.3450, 0.3812



24.1363, 0.2622, 0.2859



24.1363, 0.3711, 0.3505

Square

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



24.1363, 0.2622, 0.2859



24.1363, 0.3364, 0.3032



24.1363, 0.3652, 0.3709



24.1363, 0.2881, 0.3568

Rectangle

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



24.1363, 0.2622, 0.2859



24.1363, 0.2970, 0.2835



24.1363, 0.3652, 0.3709



24.1363, 0.3265, 0.3798

Sweetspot

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



24.1373, 0.2622, 0.2859



57.8220, 0.2973, 0.3170



31.2618, 0.2887, 0.3777



12.7691, 0.2952, 0.3153



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



24.1373, 0.2622, 0.2859



39.1627, 0.2508, 0.2745



17.5113, 0.2565, 0.2386



7.4493, 0.2987, 0.3181



7.3165, 0.1806, 0.1701



0.2476, 0.1982, 0.2335

Inverse Universe

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



20.7861, 0.3473, 0.2856



32.6771, 0.3579, 0.2757



34.4933, 0.3613, 0.4057



7.1455, 0.3206, 0.3172



6.5827, 0.4805, 0.2421



0.1478, 0.4090, 0.2027

Previews

White Background



This preview shows how the Yxy color 24.1363, 0.2622, 0.2859 looks on a white background.

Color Contrast Check

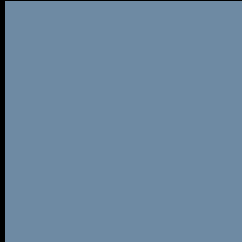
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1363, 0.2622, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

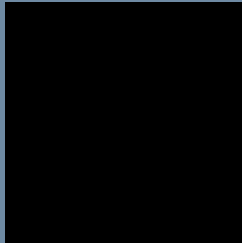
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

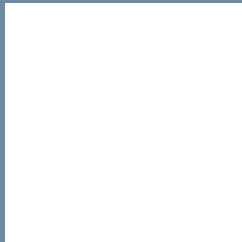
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.1363, 0.2622, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 24.1363, 0.2622, 0.2859.



This preview shows how white text looks on a background with the Yxy color 24.1363, 0.2622, 0.2859.

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

24.1363, 0.2622, 0.2859

Protanopia

23.9803, 0.2818, 0.2841

Deuteranopia

24.1694, 0.2821, 0.2769



Tritanopia

24.1163, 0.2697, 0.3093

Trichromacy



Original Color

24.1363, 0.2622, 0.2859

Protanomaly

24.0387, 0.2743, 0.2852

Deuteranomaly

24.0905, 0.2744, 0.2792

Tritanomaly

24.0199, 0.2671, 0.3007

Monochromacy



Original Color

24.1363, 0.2622, 0.2859

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.3185, 0.2927, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1363, 0.2622, 0.2859 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(110, 138, 163)` looks like.

```
.text, #text, p{  
    color:rgb(110, 138, 163)  
}
```

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(110, 138, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 138, 163) }
```

Border

The CSS property to change the border of an element to Yxy 24.1363, 0.2622, 0.2859 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(110, 138, 163) }
```

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

```
.border{ border-color:rgb(110, 138, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 138, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 138, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 138, 163);  
box-shadow:4px 4px 4px 4px rgb(110, 138,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1363, 0.2622, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 138, 163) }
```

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

```
.background{ background-color: rgb(110,  
138, 163) }
```

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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