

Converting Colors

$Y_{xy}(24.2797, 0.2555, 0.2773)$

Have a look what the booklet for
Yxy(24.2797, 0.2555, 0.2773)
contains.

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Color

Yxy(24.1673, 0.2550, 0.2762)

Conversions

Conversions Part 1

Format	Color
Hex	6B8AA9
RGB	107, 138, 169
RGB Percent	42%, 54%, 66%
CMY	0.5804, 0.4588, 0.3373
CMYK	0.37, 0.18, 0.00, 0.34
HSL	210°, 26%, 54%
HSV	210°, 37%, 66%
XYZ	22.3123, 24.1673, 41.0197
YIQ	132.2650, -28.4270, 3.0690

Conversions

Conversions Part 2

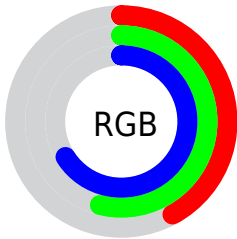
Format	Color
R _Y B	107, 128, 169
Decimal	7047849
CIE Lab	56.25, -3.00, -19.87
CIE LCh	56, 20.095, 261.407
Yxy	24.1673, 0.2550, 0.2762
Android (android.graphics.Color)	4285237929 (0xFF6B8AA9)
YUV	132.2650, 18.1104, -22.1574
Hunter-Lab	49.1602, -5.0148, -15.0598

Details

The Yxy color $24.1673, 0.2550, 0.2762$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $27.6686, 0.3821, 0.3762$, and the grayscale version is $23.1164, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.1170, 0.2670, 0.2873$, and $9.1046, 0.2341, 0.2559$ is the 20% darker color. If you saturate the color by 10%, you get $20.8907, 0.2392, 0.2587$, and if you desaturate by 10%, it is $27.8390, 0.2711, 0.2925$.

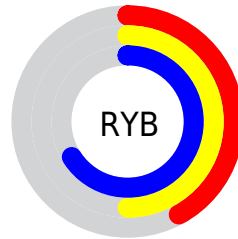
Distribution



Red (42%)

Green (54%)

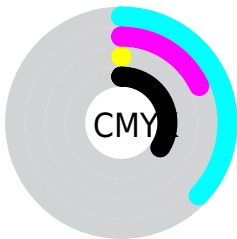
Blue (66%)



Red (42%)

Yellow (50%)

Blue (66%)

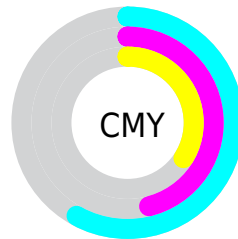


Cyan (37%)

Magenta (18%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (46%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1673, 0.2550, 0.2762 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 24.1673, 0.2550, 0.2762 by changing the saturation by 10% instead.

■ 24.1673, 0.2550,
0.2762

■ 24.1673, 0.2550,
0.2762

■ 273.6652, 0.2864,
0.3053

■ 15.4578, 0.2463,
0.2680

■ 50.3031, 0.2671,
0.2874

■ 9.1413, 0.2345,
0.2569

■ 68.4981, 0.2714,
0.2914

■ 4.8335, 0.2179,
0.2410

■ 90.6238, 0.2750,
0.2948

■ 2.1499, 0.1930,
0.2168

■ 117.0644, 0.2780,
0.2975

■ 0.6925, 0.1475,
0.1746

■ 148.2045, 0.2806,
0.2999

■ 0.0000, 0.0000,
0.0000

184.4284, 0.2828,

0.3019

226.1205, 0.2847,
0.3037

■ 24.1673, 0.2550,
0.2762

■ 24.1673, 0.2550,
0.2762

■ 20.8907, 0.2392,
0.2587

■ 27.8390, 0.2711,
0.2925

■ 17.9901, 0.2240,
0.2402

■ 31.9182, 0.2871,
0.3073

■ 15.4489, 0.2101,
0.2211

■ 36.4200, 0.3027,
0.3208

■ 13.2476, 0.1978,
0.2018

■ 41.3578, 0.3176,
0.3328

■ 11.3642, 0.1877,
0.1829

■ 46.7444, 0.3318,
0.3436

■ 9.7690, 0.1799,
0.1648

■ 52.5920, 0.3451,
0.3530

■ 9.2858, 0.1775,
0.1589

■ 58.9124, 0.3576,
0.3613

■ 65.7168, 0.3692,
0.3686

■ 72.2316, 0.3767,
0.3755

Harmonies

Analogous

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



24.1673, 0.2475, 0.2945



24.1673, 0.2550, 0.2762



24.1673, 0.2773, 0.2720

Triad

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



24.1673, 0.2550, 0.2762



24.1673, 0.3725, 0.3290



24.1673, 0.3123, 0.3837

Complementary

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



24.1673, 0.2550, 0.2762



27.6686, 0.3821, 0.3762

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.



24.1673, 0.3466, 0.3917



24.1673, 0.2550, 0.2762



24.1673, 0.3826, 0.3576

Square

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



24.1673, 0.2550, 0.2762



24.1673, 0.3453, 0.3018



24.1673, 0.3727, 0.3810



24.1673, 0.2793, 0.3582

Rectangle

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



24.1673, 0.2550, 0.2762



24.1673, 0.2984, 0.2769



24.1673, 0.3727, 0.3810



24.1673, 0.3240, 0.3886

Sweetspot

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



24.1682, 0.2550, 0.2762



61.4990, 0.2957, 0.3149



33.3032, 0.2851, 0.3835



13.1785, 0.2937, 0.3132



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.



24.1682, 0.2550, 0.2762



38.4785, 0.2421, 0.2621



16.7223, 0.2476, 0.2227



7.8972, 0.2987, 0.3174



7.0287, 0.1780, 0.1607



0.2734, 0.1949, 0.2214

Inverse Universe

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



20.7846, 0.3557, 0.2821



32.1678, 0.3694, 0.2718



37.4849, 0.3672, 0.4170



7.6025, 0.3211, 0.3178



6.7806, 0.4922, 0.2485



0.1753, 0.4217, 0.2097

Previews

White Background



This preview shows how the Yxy color 24.1673, 0.2550, 0.2762 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 24.1673, 0.2550, 0.2762 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

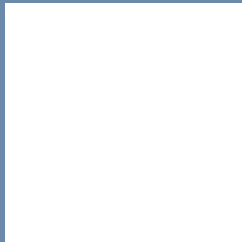
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.1673, 0.2550, 0.2762

Background



This preview shows how black text looks on a background with the Yxy color 24.1673, 0.2550, 0.2762.

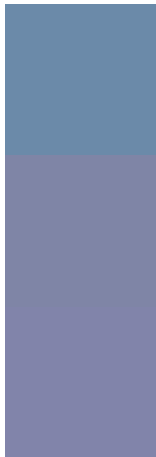


This preview shows how white text looks on a background with the Yxy color 24.1673, 0.2550, 0.2762.

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

24.1673, 0.2550, 0.2762

Protanopia

24.0403, 0.2745, 0.2747

Deuteranopia

24.0719, 0.2728, 0.2674



Tritanopia

24.2003, 0.2656, 0.3092

Trichromacy



Original Color

24.1673, 0.2550, 0.2762

Protanomaly

24.1110, 0.2673, 0.2756

Deuteranomaly

24.0174, 0.2656, 0.2695

Tritanomaly

24.1678, 0.2614, 0.2972

Monochromacy



Original Color

24.1673, 0.2550, 0.2762

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.3055, 0.2898, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1673, 0.2550, 0.2762 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, 138, 169)` looks like.

```
.text, #text, p{  
    color:rgb(107, 138, 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(107, 138, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 138, 169) }
```

Border

The CSS property to change the border of an element to Yxy 24.1673, 0.2550, 0.2762 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, 138, 169) }
```

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

```
.border{ border-color:rgb(107, 138, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 138, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 138, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 138, 169);  
box-shadow:4px 4px 4px 4px rgb(107, 138,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1673, 0.2550, 0.2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 138, 169) }
```

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

```
.background{ background-color: rgb(107,  
138, 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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