

Converting Colors

$Y_{xy}(24.0196, 0.2642, 0.2606)$

Have a look what the booklet for
Yxy(24.0196, 0.2642, 0.2606)
contains.

Yxy(24.1553, 0.2641, 0.2611)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(24.1553, 0.2641, 0.2611)$

Conversions

Conversions Part 1

Format	Color
Hex	7C85AF
RGB	124, 133, 175
RGB Percent	49%, 52%, 69%
CMY	0.5139, 0.4784, 0.3138
CMYK	0.29, 0.24, 0.00, 0.31
HSL	229°, 24%, 59%
HSV	229°, 29%, 69%
XYZ	24.4328, 24.1553, 43.9255
YIQ	135.0970, -18.8460, 11.1540

Conversions

Conversions Part 2

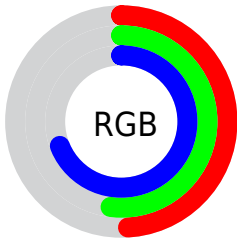
Format	Color
RYB	124, 132, 175
Decimal	8160687
CIELab	56.24, 6.53, -23.22
CIELCh	56, 24.123, 285.696
Yxy	24.1553, 0.2641, 0.2611
Android (android.graphics.Color)	4286350767 (0xFF7C85AF)
YUV	135.0970, 19.6722, -9.7321
Hunter-Lab	49.1480, 2.7282, -18.5861

Details

The Yxy color $24.1553, 0.2641, 0.2611$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $37.8181, 0.3592, 0.3888$, and the grayscale version is $24.1958, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3523, 0.2746, 0.2746$, and $9.1623, 0.2464, 0.2394$ is the 20% darker color. If you saturate the color by 10%, you get $19.2905, 0.2451, 0.2330$, and if you desaturate by 10%, it is $29.7936, 0.2821, 0.2869$.

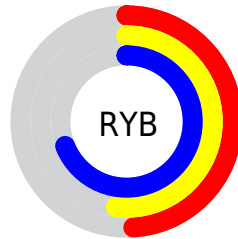
Distribution



Red (49%)

Green (52%)

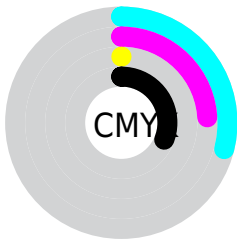
Blue (69%)



Red (49%)

Yellow (52%)

Blue (69%)

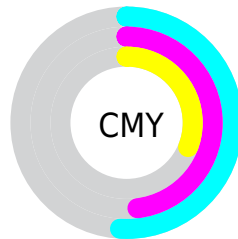


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (31%)



Cyan (51%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1553, 0.2641, 0.2611 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 24.1553, 0.2641, 0.2611 by changing the saturation by 10% instead.

■ 24.1553, 0.2641,
0.2611

■ 24.1553, 0.2641,
0.2611

■ 273.6047, 0.2908,
0.2976

■ 15.4489, 0.2566,
0.2512

■ 50.2835, 0.2744,
0.2750

■ 9.1350, 0.2464,
0.2380

■ 68.4741, 0.2781,
0.2800

■ 4.8294, 0.2320,
0.2196

■ 90.5948, 0.2812,
0.2842

■ 2.1475, 0.2100,
0.1925

■ 117.0301, 0.2837,
0.2877

■ 0.6911, 0.1742,
0.1475

■ 148.1643, 0.2859,
0.2907

■ 0.0000, 0.0000,
0.0000

184.3819, 0.2878,

0.2933

226.0672, 0.2894,
0.2956

■ 24.1553, 0.2641,
0.2611

■ 24.1553, 0.2641,
0.2611

■ 19.2905, 0.2451,
0.2330

■ 29.7936, 0.2821,
0.2869

■ 15.1624, 0.2256,
0.2033

■ 36.2345, 0.2988,
0.3101

■ 11.7351, 0.2066,
0.1730

■ 43.5090, 0.3139,
0.3306

■ 8.9688, 0.1890,
0.1437

■ 51.6458, 0.3275,
0.3487

■ 6.8194, 0.1741,
0.1170

■ 60.6718, 0.3397,
0.3644

■ 5.2370, 0.1628,
0.0946

■ 70.6132, 0.3505,
0.3780

■ 4.1503, 0.1552,
0.0778

■ 81.4949, 0.3600,
0.3898

■ 4.0761, 0.1546,
0.0766

■ 91.6019, 0.3622,
0.4016

■ 95.8747, 0.3603,
0.4076

Harmonies

Analogous

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



24.1553, 0.2410, 0.2687



24.1553, 0.2641, 0.2611



24.1553, 0.3012, 0.2695

Triad

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



24.1553, 0.2641, 0.2611



24.1553, 0.3963, 0.3560



24.1553, 0.2794, 0.3715

Complementary

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



24.1553, 0.2641, 0.2611



37.8181, 0.3592, 0.3888

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.



24.1553, 0.3198, 0.3992



24.1553, 0.2641, 0.2611



24.1553, 0.3885, 0.3861

Square

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



24.1553, 0.2641, 0.2611



24.1553, 0.3797, 0.3220



24.1553, 0.3599, 0.4035



24.1553, 0.2492, 0.3309

Rectangle

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



24.1553, 0.2641, 0.2611



24.1553, 0.3298, 0.2827



24.1553, 0.3599, 0.4035



24.1553, 0.2922, 0.3829

Sweetspot

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



24.1563, 0.2641, 0.2611



64.9057, 0.2988, 0.3101



37.6777, 0.2778, 0.3434



14.0387, 0.2965, 0.3069



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



24.1563, 0.2641, 0.2611



37.4948, 0.2519, 0.2432



23.0881, 0.2786, 0.2496



7.9783, 0.2986, 0.3098



2.9856, 0.1550, 0.0781



0.1500, 0.1688, 0.1277

Inverse Universe

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



25.2136, 0.3646, 0.3157



39.9460, 0.3809, 0.3127



39.4633, 0.3404, 0.4043



8.0377, 0.3259, 0.3250



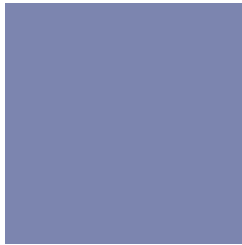
6.6044, 0.6100, 0.3134



0.1905, 0.5359, 0.2726

Previews

White Background



This preview shows how the Yxy color 24.1553, 0.2641, 0.2611 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 24.1553, 0.2641, 0.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

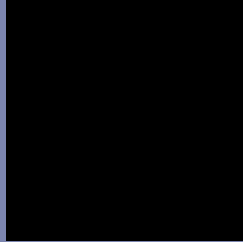
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

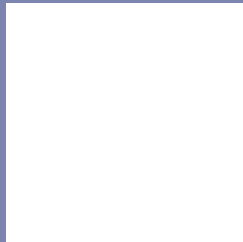
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 24.1553, 0.2641, 0.2611

Background



This preview shows how black text looks on a background with the Yxy color 24.1553, 0.2641, 0.2611.



This preview shows how white text looks on a background with the Yxy color 24.1553, 0.2641, 0.2611.

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

24.1553, 0.2641, 0.2611

Protanopia

24.1553, 0.2641, 0.2611

Deuteranopia

24.0333, 0.2658, 0.2597



Tritanopia

24.1984, 0.2814, 0.3097

Trichromacy



Original Color

24.1553, 0.2641, 0.2611

Protanomaly

24.1553, 0.2641, 0.2611

Deuteranomaly

23.9576, 0.2649, 0.2596

Tritanomaly

24.0700, 0.2751, 0.2914

Monochromacy



Original Color

24.1553, 0.2641, 0.2611

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.0775, 0.2933, 0.3020

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1553, 0.2641, 0.2611 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, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(124, 133, 175)  
}
```

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, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 133, 175) }
```

Border

The CSS property to change the border of an element to Yxy 24.1553, 0.2641, 0.2611 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, 133, 175) }
```

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

```
.border{ border-color:rgb(124, 133, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(124, 133,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1553, 0.2641, 0.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 133, 175) }
```

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

```
.background{ background-color: rgb(124,  
133, 175) }
```

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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