

Converting Colors

$Yxy(31.0024, 0.2450, 0.2561)$

Have a look what the booklet for
Yxy(31.0024, 0.2450, 0.2561)
contains.

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Color

Yxy(30.9687, 0.2453, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	7799CA
RGB	119, 153, 202
RGB Percent	47%, 60%, 79%
CMY	0.5332, 0.4000, 0.2078
CMYK	0.41, 0.24, 0.00, 0.21
HSL	215°, 44%, 63%
HSV	215°, 41%, 79%
XYZ	29.6627, 30.9687, 60.2928
YIQ	148.4200, -35.9930, 8.0310

Conversions

Conversions Part 2

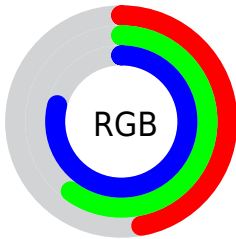
Format	Color
RYB	119, 143, 202
Decimal	7838154
CIELab	62.48, 0.87, -28.92
CIElCh	62, 28.935, 271.725
Yxy	30.9687, 0.2453, 0.2561
Android (android.graphics.Color)	4286028234 (0xFF7799CA)
YUV	148.4200, 26.4149, -25.8013
Hunter-Lab	55.6495, -2.2413, -25.2824

Details

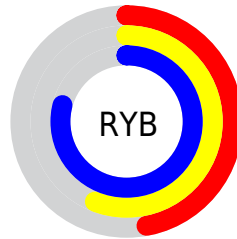
The Yxy color **30.9687, 0.2453, 0.2561** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.9091, 0.3899, 0.3918**, and the grayscale version is **29.7006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8443, 0.2605, 0.2741**, and **12.7647, 0.2237, 0.2326** is the 20% darker color. If you saturate the color by 10%, you get **25.9766, 0.2284, 0.2343**, and if you desaturate by 10%, it is **36.6575, 0.2624, 0.2765**.

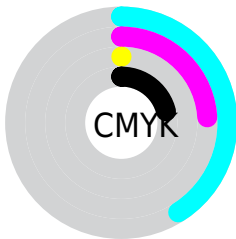
Distribution



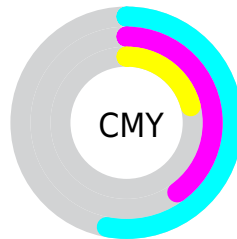
- Red (47%)
- Green (60%)
- Blue (79%)



- Red (47%)
- Yellow (56%)
- Blue (79%)



- Cyan (41%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)





- Cyan (53%)
- Magenta (40%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9687, 0.2453, 0.2561 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 30.9687, 0.2453, 0.2561 by changing the saturation by 10% instead.


 30.9687, 0.2453,
0.2561


 30.9687, 0.2453,
0.2561


 306.3941, 0.2804,
0.2940


 20.5750, 0.2362,
0.2463


 61.1908, 0.2583,
0.2701


 12.8137, 0.2243,
0.2336


 81.7880, 0.2632,
0.2753


 7.3004, 0.2084,
0.2166

 106.5551, 0.2672,
0.2797

 3.6507, 0.1861,
0.1927

 135.8766, 0.2707,
0.2834

 1.4801, 0.1531,
0.1577

 170.1369, 0.2736,
0.2866

 0.2747, 0.0781,
0.0760

 209.7203, 0.2762,

 0.0000, 0.0000,

0.2894

0.0000

255.0112, 0.2784,
0.2918

■ 30.9687, 0.2453,
0.2561

■ 30.9687, 0.2453,
0.2561

■ 25.9766, 0.2284,
0.2343

■ 36.6575, 0.2624,
0.2765

■ 21.6467, 0.2124,
0.2116

■ 43.0681, 0.2793,
0.2953

■ 17.9468, 0.1978,
0.1887

■ 50.2286, 0.2956,
0.3123

■ 14.8394, 0.1854,
0.1663

■ 58.1642, 0.3111,
0.3275

■ 12.2819, 0.1756,
0.1452

■ 66.8991, 0.3256,
0.3409

■ 10.4038, 0.1689,
0.1280

■ 76.4562, 0.3391,
0.3528

■ 85.8123, 0.3477,
0.3636

■ 92.9339, 0.3454,
0.3750

■ 97.0444, 0.3442,
0.3810

Harmonies

Analogous

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



30.9687, 0.2290, 0.2727



30.9687, 0.2453, 0.2561



30.9687, 0.2794, 0.2576

Triad

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



30.9687, 0.2453, 0.2561



30.9687, 0.3998, 0.3408



30.9687, 0.2956, 0.3934

Complementary

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



30.9687, 0.2453, 0.2561



41.9091, 0.3899, 0.3918

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.



30.9687, 0.3415, 0.4125



30.9687, 0.2453, 0.2561



30.9687, 0.4036, 0.3769

Square

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



30.9687, 0.2453, 0.2561



30.9687, 0.3702, 0.3045



30.9687, 0.3815, 0.4045



30.9687, 0.2562, 0.3525

Rectangle

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



30.9687, 0.2453, 0.2561



30.9687, 0.3091, 0.2676



30.9687, 0.3815, 0.4045



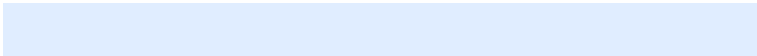
30.9687, 0.3108, 0.4028

Sweetspot

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



30.9699, 0.2453, 0.2561



83.6570, 0.2939, 0.3105



48.9728, 0.2770, 0.3795



17.5505, 0.2918, 0.3083



0.0000, 0.0000, 0.0000



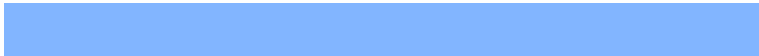
21.4041, 0.3127, 0.3290

Same Dimension

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



30.9699, 0.2453, 0.2561



45.0985, 0.2308, 0.2374



21.8970, 0.2428, 0.2056



11.5856, 0.2983, 0.3149



6.8602, 0.1696, 0.1305



0.5021, 0.1805, 0.1696

Inverse Universe

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



28.0579, 0.3731, 0.2852



40.5829, 0.3923, 0.2765



55.1893, 0.3676, 0.4318



11.2885, 0.3227, 0.3195



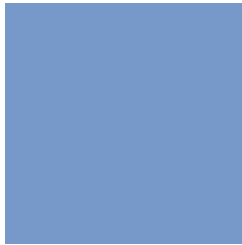
8.4955, 0.5320, 0.2705



0.4532, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 30.9687, 0.2453, 0.2561 looks on a white background.

Color Contrast Check

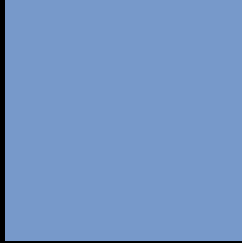
Large Text (above 18pt) WCAG AA × Fail

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 30.9687, 0.2453, 0.2561 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 ✓ Pass

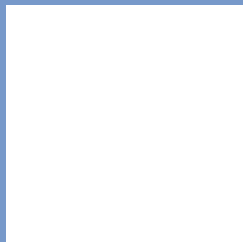
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.9687, 0.2453, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 30.9687, 0.2453, 0.2561.

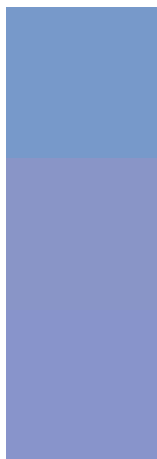


This preview shows how white text looks on a background with the Yxy color 30.9687, 0.2453, 0.2561.

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

30.9687, 0.2453, 0.2561

Protanopia

30.9368, 0.2600, 0.2564

Deuteranopia

30.7258, 0.2562, 0.2498



Tritanopia

31.1161, 0.2616, 0.3094

Trichromacy



Original Color

30.9687, 0.2453, 0.2561

Protanomaly

30.7286, 0.2540, 0.2556

Deuteranomaly

30.8703, 0.2520, 0.2518

Tritanomaly

31.0687, 0.2557, 0.2895

Monochromacy



Original Color

30.9687, 0.2453, 0.2561

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.9582, 0.2841, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9687, 0.2453, 0.2561 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(119, 153, 202)` looks like.

```
.text, #text, p{  
    color:rgb(119, 153, 202)  
}
```

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(119, 153, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 153, 202) }
```

Border

The CSS property to change the border of an element to Yxy 30.9687, 0.2453, 0.2561 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(119, 153, 202) }
```

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

```
.border{ border-color:rgb(119, 153, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 153, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 153, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 153, 202);  
box-shadow:4px 4px 4px 4px rgb(119, 153,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9687, 0.2453, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 153, 202) }
```

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

```
.background{ background-color: rgb(119,  
153, 202) }
```

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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