

Converting Colors

$Yxy(39.5563, 0.2563, 0.2703)$

Have a look what the booklet for
Yxy(39.5563, 0.2563, 0.2703)
contains.

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Color

Yxy(39.5563, 0.2563, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	8CABD6
RGB	140, 171, 214
RGB Percent	55%, 67%, 84%
CMY	0.4512, 0.3293, 0.1608
CMYK	0.35, 0.20, 0.00, 0.16
HSL	215°, 47%, 69%
HSV	215°, 35%, 84%
XYZ	37.5075, 39.5563, 69.2784
YIQ	166.6330, -32.2790, 6.8010

Conversions

Conversions Part 2

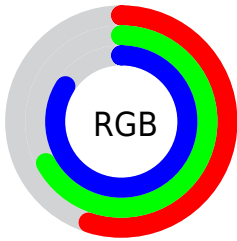
Format	Color
R _{YB}	140, 162, 214
Decimal	9219030
CIE Lab	69.15, -0.29, -25.20
CIE LCh	69, 25.206, 269.337
Yxy	39.5563, 0.2563, 0.2703
Android (android.graphics.Color)	4287409110 (0xFF8CABD6)
YUV	166.6330, 23.3519, -23.3571
Hunter-Lab	62.8938, -3.6134, -21.2831

Details

The Yxy color **39.5563, 0.2563, 0.2703** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **50.0225, 0.3762, 0.3812**, and the grayscale version is **38.3474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2148, 0.2753, 0.2975**, and **17.7231, 0.2403, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **33.4028, 0.2393, 0.2497**, and if you desaturate by 10%, it is **46.5152, 0.2733, 0.2894**.

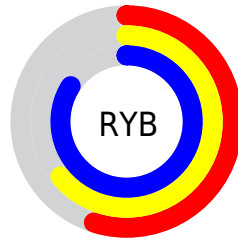
Distribution



Red (55%)

Green (67%)

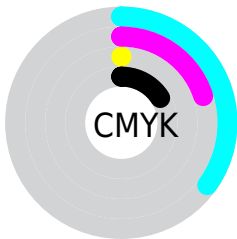
Blue (84%)



Red (55%)

Yellow (64%)

Blue (84%)

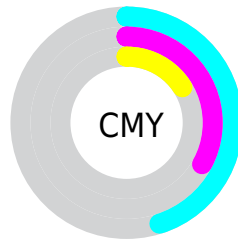


Cyan (35%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (45%)


Magenta (33%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5563, 0.2563, 0.2703 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 39.5563, 0.2563, 0.2703 by changing the saturation by 10% instead.


 39.5563, 0.2563,
0.2703


 39.5563, 0.2563,
0.2703


344.2499, 0.2847,
0.2999


 27.1928, 0.2492,
0.2629

 74.4874, 0.2666,
0.2811

 17.7180, 0.2401,
0.2534


 97.8237, 0.2705,
0.2851

 10.7478, 0.2281,
0.2409


 125.5865, 0.2738,
0.2885

 5.8975, 0.2116,
0.2236

158.1600, 0.2766,
0.2915

 2.7828, 0.1877,
0.1986

195.9287, 0.2791,
0.2940

 1.0194, 0.1509,
0.1601

239.2770, 0.2812,

 0.0000, 0.0000,

0.2962

0.0000

288.5893, 0.2831,
0.2982

■ 39.5563, 0.2563,
0.2703

■ 39.5563, 0.2563,
0.2703

■ 33.4028, 0.2393,
0.2497

■ 46.5152, 0.2733,
0.2894

■ 28.0171, 0.2227,
0.2278

■ 54.3059, 0.2899,
0.3068

■ 23.3646, 0.2072,
0.2052

■ 62.9590, 0.3057,
0.3224

■ 19.4063, 0.1935,
0.1827

■ 72.5022, 0.3206,
0.3363

■ 16.0977, 0.1821,
0.1608

■ 82.9619, 0.3346,
0.3485

■ 13.3874, 0.1734,
0.1406

■ 91.7450, 0.3384,
0.3602

■ 12.1351, 0.1696,
0.1304

■ 97.6352, 0.3370,
0.3691

Harmonies

Analogous

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



39.5563, 0.2440, 0.2857



39.5563, 0.2563, 0.2703



39.5563, 0.2834, 0.2700

Triad

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



39.5563, 0.2563, 0.2703



39.5563, 0.3813, 0.3369



39.5563, 0.3023, 0.3818

Complementary

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



39.5563, 0.2563, 0.2703



50.0225, 0.3762, 0.3812

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.



39.5563, 0.3394, 0.3957



39.5563, 0.2563, 0.2703



39.5563, 0.3863, 0.3666

Square

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



39.5563, 0.2563, 0.2703



39.5563, 0.3563, 0.3072



39.5563, 0.3705, 0.3889



39.5563, 0.2694, 0.3509

Rectangle

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



39.5563, 0.2563, 0.2703



39.5563, 0.3072, 0.2775



39.5563, 0.3705, 0.3889



39.5563, 0.3147, 0.3888

Sweetspot

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



39.5578, 0.2563, 0.2703



86.3991, 0.2971, 0.3140



57.0384, 0.2824, 0.3722



18.1068, 0.2949, 0.3118



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.



39.5578, 0.2563, 0.2703



51.5779, 0.2430, 0.2543



29.6008, 0.2544, 0.2271



12.8566, 0.2982, 0.3151



7.5303, 0.1703, 0.1331



0.6159, 0.1798, 0.1673

Inverse Universe

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



35.9750, 0.3598, 0.2911



46.2518, 0.3752, 0.2825



63.5515, 0.3606, 0.4159



12.5064, 0.3226, 0.3193



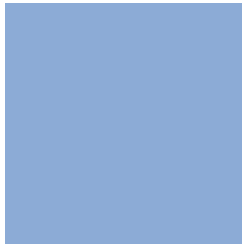
9.1050, 0.5284, 0.2684



0.5655, 0.4840, 0.2440

Previews

White Background



This preview shows how the Yxy color 39.5563, 0.2563, 0.2703 looks on a white background.

Color Contrast Check

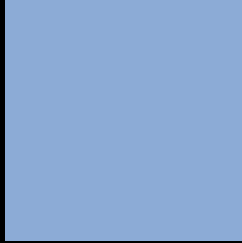
Large Text (above 18pt) WCAG AA × Fail

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 39.5563, 0.2563, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

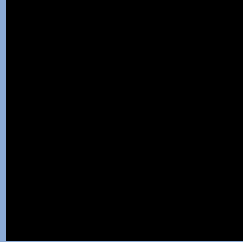
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

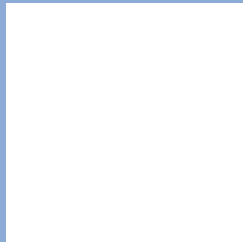
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5563, 0.2563, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 39.5563, 0.2563, 0.2703.



This preview shows how white text looks on a background with the Yxy color 39.5563, 0.2563, 0.2703.

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

39.5563, 0.2563, 0.2703

Protanopia

39.6097, 0.2709, 0.2704

Deuteranopia

39.2901, 0.2694, 0.2632



Tritanopia

39.4024, 0.2690, 0.3086

Trichromacy



Original Color

39.5563, 0.2563, 0.2703

Protanomaly

39.3380, 0.2650, 0.2698

Deuteranomaly

39.3160, 0.2644, 0.2650

Tritanomaly

39.5836, 0.2643, 0.2948

Monochromacy



Original Color

39.5563, 0.2563, 0.2703

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6341, 0.2900, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5563, 0.2563, 0.2703 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(140, 171, 214)` looks like.

```
.text, #text, p{  
    color:rgb(140, 171, 214)  
}
```

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(140, 171, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 171, 214) }
```

Border

The CSS property to change the border of an element to Yxy 39.5563, 0.2563, 0.2703 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(140, 171, 214) }
```

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

```
.border{ border-color:rgb(140, 171, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 171, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 171, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 171, 214);  
box-shadow:4px 4px 4px 4px rgb(140, 171,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5563, 0.2563, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 171, 214) }
```

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

```
.background{ background-color: rgb(140,  
171, 214) }
```

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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