

Converting Colors

$Yxy(40.5862, 0.2763, 0.2856)$

Have a look what the booklet for
Yxy(40.5862, 0.2763, 0.2856)
contains.

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Color

Yxy(40.6057, 0.2762, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	9DABCB
RGB	157, 171, 203
RGB Percent	62%, 67%, 80%
CMY	0.3841, 0.3295, 0.2039
CMYK	0.23, 0.16, 0.00, 0.20
HSL	222°, 31%, 71%
HSV	222°, 23%, 80%
XYZ	39.2555, 40.6057, 62.2659
YIQ	170.4620, -18.6160, 6.9840

Conversions

Conversions Part 2

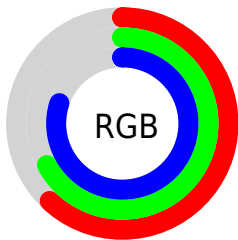
Format	Color
R_{YB}	157, 168, 203
Decimal	10333131
CIE _{Lab}	69.90, 2.10, -17.91
CIE _{LCh}	70, 18.029, 276.695
Yxy	40.6057, 0.2762, 0.2857
Android (android.graphics.Color)	4288523211 (0xFF9DABCB)
YUV	170.4620, 16.0412, -11.8062
Hunter-Lab	63.7226, -1.5519, -13.3288

Details

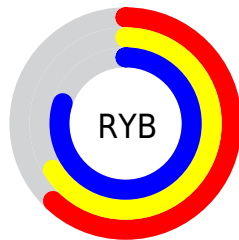
The Yxy color $40.6057, 0.2762, 0.2857$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $51.5590, 0.3500, 0.3688$, and the grayscale version is $40.3718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.6098, 0.2857, 0.2984$, and $18.3668, 0.2654, 0.2731$ is the 20% darker color. If you saturate the color by 10%, you get $33.6705, 0.2585, 0.2630$, and if you desaturate by 10%, it is $48.4554, 0.2931, 0.3062$.

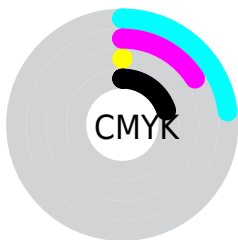
Distribution



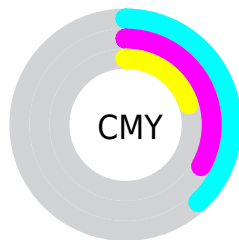
- Red (62%)
- Green (67%)
- Blue (80%)



- Red (62%)
- Yellow (66%)
- Blue (80%)



- Cyan (23%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6057, 0.2762, 0.2857 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 40.6057, 0.2762, 0.2857 by changing the saturation by 10% instead.

 40.6057, 0.2762,
0.2857


 40.6057, 0.2762,
0.2857


348.6699, 0.2947,
0.3075

 28.0111, 0.2715,
0.2802


 76.0850, 0.2830,
0.2937

 18.3340, 0.2654,
0.2732

 99.7384, 0.2855,
0.2966

 11.1901, 0.2573,
0.2638


127.8470, 0.2877,
0.2992

 6.1948, 0.2460,
0.2507

160.7951, 0.2895,
0.3013

 2.9639, 0.2289,
0.2313

198.9670, 0.2911,
0.3032

 1.1129, 0.2011,
0.2000

242.7472, 0.2924,

 0.0000, 0.0311,

0.3048

0.0000

292.5200, 0.2937,
0.3063

0.0000, 0.0000,
0.0000

40.6057, 0.2762,
0.2857

40.6057, 0.2762,
0.2857

33.6705, 0.2585,
0.2630

48.4554, 0.2931,
0.3062

27.6102, 0.2403,
0.2384

57.2474, 0.3088,
0.3245

22.3895, 0.2221,
0.2125

67.0144, 0.3233,
0.3407

17.9685, 0.2049,
0.1858

77.7858, 0.3365,
0.3549

14.3037, 0.1893,
0.1596

88.9082, 0.3460,
0.3676

■ 11.3470, 0.1763,
0.1350

■ 97.0916, 0.3436,
0.3800

■ 9.0432, 0.1664,
0.1132

■ 7.7067, 0.1610,
0.0994

Harmonies

Analogous

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



40.6057, 0.2643, 0.2947



40.6057, 0.2762, 0.2857



40.6057, 0.2980, 0.2877

Triad

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



40.6057, 0.2762, 0.2857



40.6057, 0.3634, 0.3408



40.6057, 0.2994, 0.3613

Complementary

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



40.6057, 0.2762, 0.2857



51.5590, 0.3500, 0.3688

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.



40.6057, 0.3258, 0.3745



40.6057, 0.2762, 0.2857



40.6057, 0.3634, 0.3611

Square

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



40.6057, 0.2762, 0.2857



40.6057, 0.3490, 0.3186



40.6057, 0.3494, 0.3740



40.6057, 0.2772, 0.3384

Rectangle

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



40.6057, 0.2762, 0.2857



40.6057, 0.3157, 0.2947



40.6057, 0.3494, 0.3740



40.6057, 0.3081, 0.3671

Sweetspot

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



40.6073, 0.2762, 0.2857



89.0891, 0.3019, 0.3166



53.5351, 0.2888, 0.3482



18.8755, 0.3009, 0.3155



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.



40.6073, 0.2762, 0.2857



62.3138, 0.2679, 0.2752



36.4986, 0.2818, 0.2674



11.3893, 0.2983, 0.3124



5.0462, 0.1616, 0.1018



0.3948, 0.1728, 0.1420

Inverse Universe

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



39.7714, 0.3449, 0.3115



60.9471, 0.3537, 0.3076



56.6925, 0.3396, 0.3862



11.2687, 0.3243, 0.3220



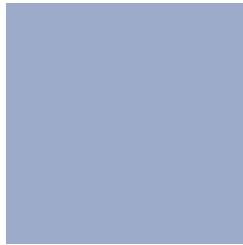
8.3124, 0.5731, 0.2931



0.4424, 0.5165, 0.2619

Previews

White Background



This preview shows how the Yxy color 40.6057, 0.2762, 0.2857 looks on a white background.

Color Contrast Check

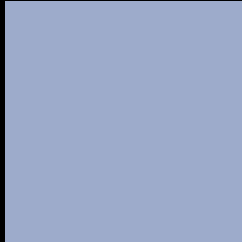
Large Text (above 18pt) WCAG AA × Fail

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 40.6057, 0.2762, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

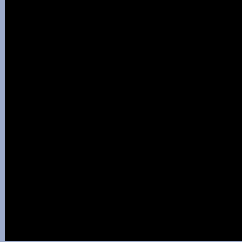
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

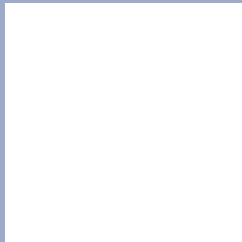
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.6057, 0.2762, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 40.6057, 0.2762, 0.2857.



This preview shows how white text looks on a background with the Yxy color 40.6057, 0.2762, 0.2857.

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

40.6057, 0.2762, 0.2857

Protanopia

40.5327, 0.2823, 0.2849

Deuteranopia

40.6550, 0.2864, 0.2805



Tritanopia

40.7300, 0.2856, 0.3108

Trichromacy



Original Color

40.6057, 0.2762, 0.2857

Protanomaly

40.5908, 0.2799, 0.2860

Deuteranomaly

40.4719, 0.2823, 0.2813

Tritanomaly

40.7060, 0.2819, 0.3013

Monochromacy



Original Color

40.6057, 0.2762, 0.2857

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1262, 0.2985, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6057, 0.2762, 0.2857 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(157, 171, 203)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 203)  
}
```

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(157, 171, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 203) }
```

Border

The CSS property to change the border of an element to Yxy 40.6057, 0.2762, 0.2857 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(157, 171, 203) }
```

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

```
.border{ border-color:rgb(157, 171, 203) }
```

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

Here you see how a box with a 4 pixel rgb(157, 171, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 203);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6057, 0.2762, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 203) }
```

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

```
.background{ background-color: rgb(157,  
171, 203) }
```

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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