

Converting Colors

$Y_{xy}(40.9191, 0.2858, 0.3255)$

Have a look what the booklet for
Yxy(40.9191, 0.2858, 0.3255)
contains.

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Color

Yxy(40.9020, 0.2861, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	93B1B3
RGB	147, 177, 179
RGB Percent	58%, 69%, 70%
CMY	0.4237, 0.3058, 0.2981
CMYK	0.18, 0.01, 0.00, 0.30
HSL	184°, 17%, 64%
HSV	184°, 18%, 70%
XYZ	35.8849, 40.9020, 48.6409
YIQ	168.2580, -18.5220, -5.7380

Conversions

Conversions Part 2

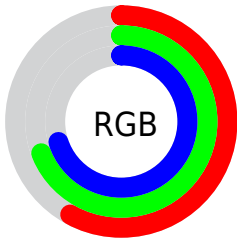
Format	Color
RYB	147, 162, 179
Decimal	9679283
CIELab	70.11, -9.77, -4.43
CIElCh	70, 10.731, 204.375
Yxy	40.9020, 0.2861, 0.3261
Android (android.graphics.Color)	4287869363 (0xFF93B1B3)
YUV	168.2580, 5.2958, -18.6433
Hunter-Lab	63.9547, -11.7645, -0.3249

Details

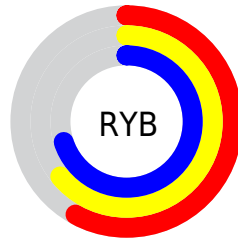
The Yxy color **40.9020, 0.2861, 0.3261** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.1602, 0.3462, 0.3319**, and the grayscale version is **39.2688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6935, 0.2907, 0.3267**, and **18.4085, 0.2788, 0.3249** is the 20% darker color. If you saturate the color by 10%, you get **38.9435, 0.2724, 0.3243**, and if you desaturate by 10%, it is **43.1247, 0.3007, 0.3278**.

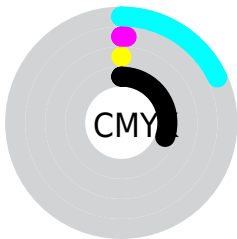
Distribution



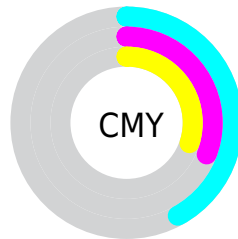
- Red (58%)
- Green (69%)
- Blue (70%)



- Red (58%)
- Yellow (64%)
- Blue (70%)



- Cyan (18%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)





- Cyan (42%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9020, 0.2861, 0.3261 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 40.9020, 0.2861, 0.3261 by changing the saturation by 10% instead.

 40.9020, 0.2861,
0.3261

 40.9020, 0.2861,
0.3261


349.9109, 0.2996,
0.3277

 28.2425, 0.2827,
0.3256

 76.5351, 0.2911,
0.3267

 18.5086, 0.2782,
0.3250


 100.2775, 0.2929,
0.3270

 11.3157, 0.2722,
0.3241

128.4830, 0.2945,
0.3271

 6.2796, 0.2637,
0.3228

161.5360, 0.2958,
0.3273

 3.0158, 0.2507,
0.3205

199.8209, 0.2969,
0.3274

 1.1400, 0.2285,
0.3158

243.7221, 0.2979,

 0.0119, 0.0000,

0.3275

0.0355

293.6239, 0.2988,
0.3276

0.0000, 0.0000,
0.0000

40.9020, 0.2861,
0.3261

40.9020, 0.2861,
0.3261

38.9435, 0.2724,
0.3243

43.1247, 0.3007,
0.3278

37.2324, 0.2598,
0.3224

45.6178, 0.3160,
0.3293

35.7575, 0.2487,
0.3204

48.3934, 0.3315,
0.3307

34.5049, 0.2393,
0.3184

51.4613, 0.3472,
0.3320

33.4591, 0.2317,
0.3163

54.8311, 0.3627,
0.3331

■ 32.6025, 0.2260,
0.3143

■ 58.5116, 0.3779,
0.3341

■ 31.9149, 0.2221,
0.3122

■ 59.0914, 0.3782,
0.3352

■ 31.3640, 0.2198,
0.3102

■ 59.5523, 0.3778,
0.3364

■ 31.2538, 0.2194,
0.3098

■ 60.0168, 0.3775,
0.3375

Harmonies

Analogous

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



40.9020, 0.2965, 0.3405



40.9020, 0.2861, 0.3261



40.9020, 0.2827, 0.3129

Triad

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



40.9020, 0.2861, 0.3261



40.9020, 0.3134, 0.3076



40.9020, 0.3388, 0.3535

Complementary

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



40.9020, 0.2861, 0.3261



33.1602, 0.3462, 0.3319

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.



40.9020, 0.3437, 0.3440



40.9020, 0.2861, 0.3261



40.9020, 0.3288, 0.3178

Square

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



40.9020, 0.2861, 0.3261



40.9020, 0.2982, 0.3027



40.9020, 0.3400, 0.3309



40.9020, 0.3269, 0.3566

Rectangle

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



40.9020, 0.2861, 0.3261



40.9020, 0.2847, 0.3067



40.9020, 0.3400, 0.3309



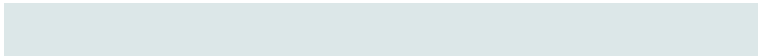
40.9020, 0.3414, 0.3509

Sweetspot

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



40.9037, 0.2861, 0.3261



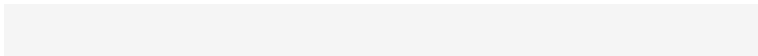
78.4554, 0.3050, 0.3282



40.5886, 0.3092, 0.3743



17.3150, 0.3039, 0.3281



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.9037, 0.2861, 0.3261



72.0052, 0.2812, 0.3255



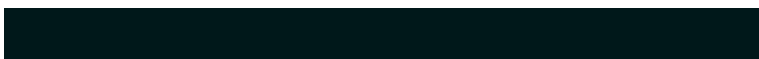
35.0737, 0.2849, 0.3031



9.5403, 0.2986, 0.3275



22.1255, 0.2195, 0.3100



0.7229, 0.2210, 0.3157

Inverse Universe

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



33.6128, 0.3166, 0.2880



56.8234, 0.3174, 0.2799



38.4438, 0.3424, 0.3536



8.6375, 0.3147, 0.3079



8.7737, 0.3367, 0.1628



0.2788, 0.3319, 0.1602

Previews

White Background



This preview shows how the Yxy color 40.9020, 0.2861, 0.3261 looks on a white background.

Color Contrast Check

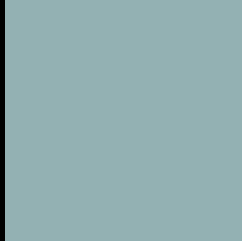
Large Text (above 18pt) WCAG AA × Fail

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 40.9020, 0.2861, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

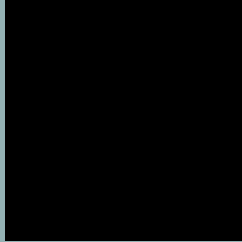
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

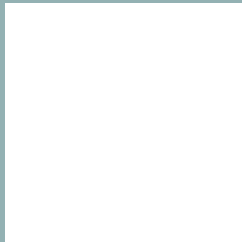
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.9020, 0.2861, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 40.9020, 0.2861, 0.3261.



This preview shows how white text looks on a background with the Yxy color 40.9020, 0.2861, 0.3261.

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

40.9020, 0.2861, 0.3261

Protanopia

40.7288, 0.3112, 0.3222

Deuteranopia

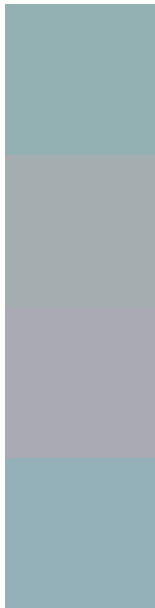
40.6759, 0.3155, 0.3092



Tritanopia

40.7236, 0.2803, 0.3092

Trichromacy



Original Color

40.9020, 0.2861, 0.3261

Protanomaly

40.9142, 0.3024, 0.3248

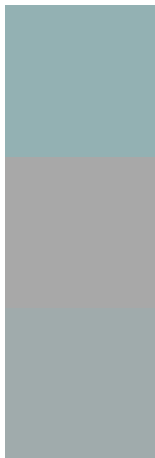
Deuteranomaly

40.5908, 0.3044, 0.3153

Tritanomaly

40.8494, 0.2825, 0.3162

Monochromacy



Original Color

40.9020, 0.2861, 0.3261

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.5780, 0.3021, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9020, 0.2861, 0.3261 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(147, 177, 179)` looks like.

```
.text, #text, p{  
    color:rgb(147, 177, 179)  
}
```

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(147, 177, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 177, 179) }
```

Border

The CSS property to change the border of an element to Yxy 40.9020, 0.2861, 0.3261 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(147, 177, 179) }
```

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

```
.border{ border-color:rgb(147, 177, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 177, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 177, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 177, 179);  
box-shadow:4px 4px 4px 4px rgb(147, 177,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9020, 0.2861, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 177, 179) }
```

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

```
.background{ background-color: rgb(147,  
177, 179) }
```

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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