

Converting Colors

$Yxy(42.1893, 0.2976, 0.3227)$

Have a look what the booklet for
Yxy(42.1893, 0.2976, 0.3227)
contains.

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Color

Yxy(42.1734, 0.2976, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	A3B0B5
RGB	163, 176, 181
RGB Percent	64%, 69%, 71%
CMY	0.3609, 0.3098, 0.2903
CMYK	0.10, 0.03, 0.00, 0.29
HSL	197°, 11%, 67%
HSV	197°, 10%, 71%
XYZ	38.9656, 42.1734, 49.7937
YIQ	172.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

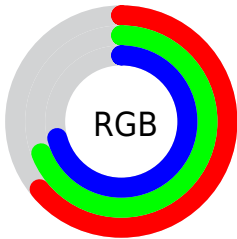
Format	Color
RYB	163, 171, 181
Decimal	10727605
CIELab	70.99, -3.52, -4.10
CIELCh	71, 5.408, 229.366
Yxy	42.1734, 0.2976, 0.3221
Android (android.graphics.Color)	4288917685 (0xFFA3B0B5)
YUV	172.6830, 4.1003, -8.4920
Hunter-Lab	64.9411, -6.5443, -0.0020

Details

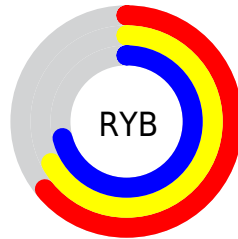
The Yxy color $42.1734, 0.2976, 0.3221$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.4538, 0.3292, 0.3358$, and the grayscale version is $41.6006, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7331, 0.3003, 0.3237$, and $19.3533, 0.2932, 0.3213$ is the 20% darker color. If you saturate the color by 10%, you get $38.4750, 0.2825, 0.3145$, and if you desaturate by 10%, it is $46.2210, 0.3128, 0.3290$.

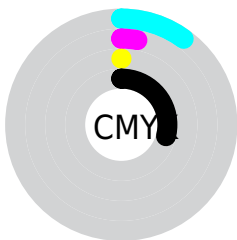
Distribution



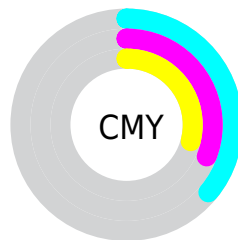
- Red (64%)
- Green (69%)
- Blue (71%)



- Red (64%)
- Yellow (67%)
- Blue (71%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.1734, 0.2976, 0.3221 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 42.1734, 0.2976, 0.3221 by changing the saturation by 10% instead.

■ 42.1734, 0.2976,
0.3221

■ 42.1734, 0.2976,
0.3221

355.2012, 0.3053,
0.3257

■ 29.2371, 0.2957,
0.3212

■ 78.4620, 0.3004,
0.3234

■ 19.2603, 0.2931,
0.3200

■ 102.5831, 0.3015,
0.3239

■ 11.8585, 0.2897,
0.3183

131.2012, 0.3023,
0.3243

■ 6.6474, 0.2849,
0.3160

164.7007, 0.3031,
0.3247

■ 3.2426, 0.2776,
0.3123

203.4661, 0.3037,
0.3250

■ 1.2596, 0.2651,
0.3058

247.8817, 0.3043,

■ 0.1096, 0.0341,

0.3252

0.2052

298.3320, 0.3048,
0.3255

0.0000, 0.0000,
0.0000

42.1734, 0.2976,
0.3221

42.1734, 0.2976,
0.3221

38.4750, 0.2825,
0.3145

46.2210, 0.3128,
0.3290

35.1080, 0.2677,
0.3062

50.6240, 0.3278,
0.3353

32.0612, 0.2536,
0.2972

55.3953, 0.3425,
0.3408

29.3204, 0.2405,
0.2877

60.5454, 0.3567,
0.3458

26.8700, 0.2287,
0.2778

66.0842, 0.3703,
0.3501

■ 24.6931, 0.2185,
0.2676

■ 68.7418, 0.3701,
0.3551

■ 22.7703, 0.2102,
0.2573

■ 71.1875, 0.3687,
0.3601

■ 21.0790, 0.2039,
0.2470

■ 73.7105, 0.3672,
0.3651

■ 19.5733, 0.1991,
0.2368

■ 76.3114, 0.3658,
0.3701

Harmonies

Analogous

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



42.1734, 0.3000, 0.3289



42.1734, 0.2976, 0.3221



42.1734, 0.2992, 0.3173

Triad

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



42.1734, 0.2976, 0.3221



42.1734, 0.3196, 0.3224



42.1734, 0.3210, 0.3427

Complementary

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



42.1734, 0.2976, 0.3221



40.4538, 0.3292, 0.3358

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.



42.1734, 0.3264, 0.3407



42.1734, 0.2976, 0.3221



42.1734, 0.3256, 0.3289

Square

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



42.1734, 0.2976, 0.3221



42.1734, 0.3118, 0.3175



42.1734, 0.3281, 0.3356



42.1734, 0.3135, 0.3409

Rectangle

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



42.1734, 0.2976, 0.3221



42.1734, 0.3023, 0.3158



42.1734, 0.3281, 0.3356



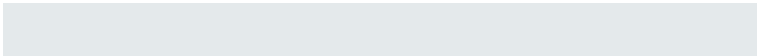
42.1734, 0.3232, 0.3424

Sweetspot

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



42.1752, 0.2976, 0.3221



80.4807, 0.3081, 0.3270



43.6450, 0.3078, 0.3474



17.2679, 0.3069, 0.3264



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.



42.1752, 0.2976, 0.3221



74.0028, 0.2942, 0.3204



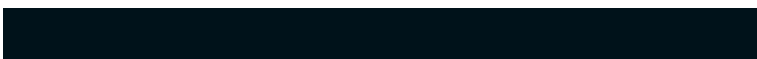
38.8241, 0.2975, 0.3097



9.2267, 0.2986, 0.3226



13.6114, 0.1995, 0.2380



0.5199, 0.2073, 0.2664

Inverse Universe

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



39.1445, 0.3182, 0.3115



67.4891, 0.3196, 0.3074



43.8244, 0.3279, 0.3476



8.6059, 0.3178, 0.3127



7.9142, 0.4043, 0.2001



0.2583, 0.3763, 0.1846

Previews

White Background



This preview shows how the Yxy color 42.1734, 0.2976, 0.3221 looks on a white background.

Color Contrast Check

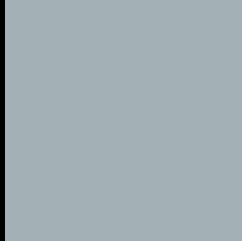
Large Text (above 18pt) WCAG AA × Fail

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 42.1734, 0.2976, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

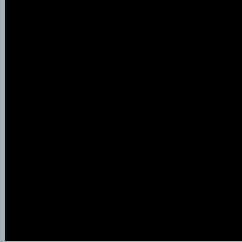
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

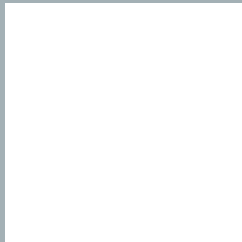
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.1734, 0.2976, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 42.1734, 0.2976, 0.3221.



This preview shows how white text looks on a background with the Yxy color 42.1734, 0.2976, 0.3221.

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

42.1734, 0.2976, 0.3221

Protanopia

42.2558, 0.3096, 0.3209

Deuteranopia

41.8633, 0.3164, 0.3094



Tritanopia

42.2266, 0.2923, 0.3099

Trichromacy



Original Color

42.1734, 0.2976, 0.3221

Protanomaly

42.2253, 0.3052, 0.3208

Deuteranomaly

41.9682, 0.3098, 0.3143

Tritanomaly

42.0976, 0.2946, 0.3139

Monochromacy



Original Color

42.1734, 0.2976, 0.3221

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.8417, 0.3067, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1734, 0.2976, 0.3221 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(163, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 181)  
}
```

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(163, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.1734, 0.2976, 0.3221 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(163, 176, 181) }
```

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

```
.border{ border-color:rgb(163, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1734, 0.2976, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 181) }
```

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

```
.background{ background-color: rgb(163,  
176, 181) }
```

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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