

Converting Colors

$Yxy(43.7609, 0.3027, 0.3236)$

Have a look what the booklet for
Yxy(43.7609, 0.3027, 0.3236)
contains.

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Color

Yxy(43.7642, 0.3027, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	AAB2B6
RGB	170, 178, 182
RGB Percent	67%, 70%, 71%
CMY	0.3334, 0.3019, 0.2863
CMYK	0.07, 0.02, 0.00, 0.29
HSL	200°, 8%, 69%
HSV	200°, 7%, 71%
XYZ	40.9376, 43.7642, 50.5398
YIQ	176.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

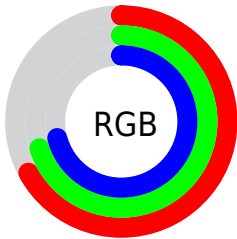
Format	Color
RYB	170, 175, 182
Decimal	11186870
CIELab	72.07, -2.02, -3.01
CIELCh	72, 3.620, 236.178
Yxy	43.7642, 0.3027, 0.3236
Android (android.graphics.Color)	4289376950 (0xFFAAB2B6)
YUV	176.0640, 2.9264, -5.3181
Hunter-Lab	66.1545, -5.3113, 1.0126

Details

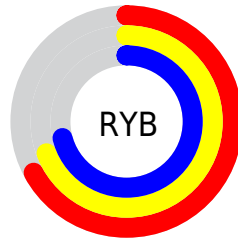
The Yxy color **43.7642, 0.3027, 0.3236** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.1036, 0.3232, 0.3343**, and the grayscale version is **43.4373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0262, 0.3043, 0.3248**, and **20.1038, 0.3001, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **39.5281, 0.2874, 0.3147**, and if you desaturate by 10%, it is **48.3904, 0.3178, 0.3316**.

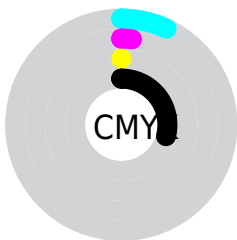
Distribution



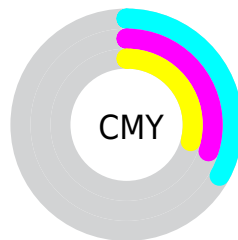
- Red (67%)
- Green (70%)
- Blue (71%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7642, 0.3027, 0.3236 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 43.7642, 0.3027, 0.3236 by changing the saturation by 10% instead.

■ 43.7642, 0.3027,
0.3236

■ 43.7642, 0.3027,
0.3236

361.7452, 0.3078,
0.3264

■ 30.4852, 0.3014,
0.3229

■ 80.8628, 0.3045,
0.3246

■ 20.2071, 0.2998,
0.3220

105.4512, 0.3052,
0.3250

■ 12.5457, 0.2976,
0.3208

134.5781, 0.3058,
0.3253

■ 7.1165, 0.2944,
0.3190

168.6280, 0.3063,
0.3256

■ 3.5350, 0.2897,
0.3163

207.9853, 0.3067,
0.3258

■ 1.4170, 0.2817,
0.3117

253.0343, 0.3071,

■ 0.2292, 0.1967,

0.3260

0.2672

304.1595, 0.3075,
0.3262

0.0000, 0.0000,
0.0000

43.7642, 0.3027,
0.3236

43.7642, 0.3027,
0.3236

39.5281, 0.2874,
0.3147

48.3904, 0.3178,
0.3316

35.6636, 0.2722,
0.3049

53.4133, 0.3326,
0.3388

32.1591, 0.2574,
0.2944

58.8461, 0.3469,
0.3452

28.9999, 0.2433,
0.2830

64.7000, 0.3605,
0.3508

26.1703, 0.2303,
0.2711

69.8338, 0.3687,
0.3562

■ 23.6529, 0.2188,
0.2587

■ 72.8351, 0.3670,
0.3623

■ 21.4283, 0.2090,
0.2462

■ 75.9495, 0.3653,
0.3683

■ 19.4742, 0.2012,
0.2336

■ 79.1782, 0.3637,
0.3742

■ 17.7609, 0.1954,
0.2212

■ 82.5225, 0.3620,
0.3800

Harmonies

Analogous

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



43.7642, 0.3037, 0.3279



43.7642, 0.3027, 0.3236



43.7642, 0.3043, 0.3208

Triad

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



43.7642, 0.3027, 0.3236



43.7642, 0.3183, 0.3255



43.7642, 0.3172, 0.3380

Complementary

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



43.7642, 0.3027, 0.3236



43.1036, 0.3232, 0.3343

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.



43.7642, 0.3211, 0.3372



43.7642, 0.3027, 0.3236



43.7642, 0.3218, 0.3300

Square

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



43.7642, 0.3027, 0.3236



43.7642, 0.3133, 0.3220



43.7642, 0.3229, 0.3343



43.7642, 0.3120, 0.3362

Rectangle

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



43.7642, 0.3027, 0.3236



43.7642, 0.3067, 0.3202



43.7642, 0.3229, 0.3343



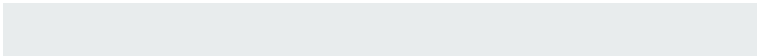
43.7642, 0.3187, 0.3380

Sweetspot

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



43.7661, 0.3027, 0.3236



83.0952, 0.3096, 0.3274



45.0438, 0.3090, 0.3401



18.3726, 0.3098, 0.3275



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.7661, 0.3027, 0.3236



78.1301, 0.3004, 0.3223



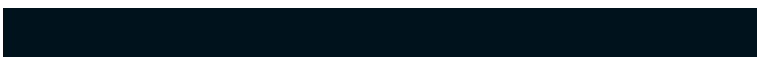
41.4966, 0.3028, 0.3157



9.6953, 0.2985, 0.3212



12.2830, 0.1940, 0.2184



0.5415, 0.2029, 0.2503

Inverse Universe

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



41.9019, 0.3168, 0.3184



74.0272, 0.3178, 0.3158



45.4030, 0.3226, 0.3420



9.1107, 0.3187, 0.3138



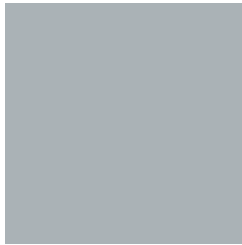
8.0223, 0.4250, 0.2115



0.2938, 0.3920, 0.1933

Previews

White Background



This preview shows how the Yxy color 43.7642, 0.3027, 0.3236 looks on a white background.

Color Contrast Check

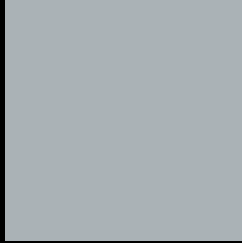
Large Text (above 18pt) WCAG AA × Fail

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 43.7642, 0.3027, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

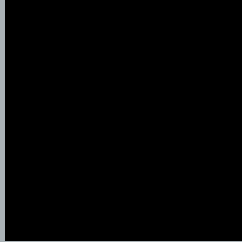
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

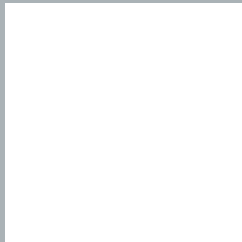
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7642, 0.3027, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 43.7642, 0.3027, 0.3236.



This preview shows how white text looks on a background with the Yxy color 43.7642, 0.3027, 0.3236.

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

43.7642, 0.3027, 0.3236

Protanopia

43.8518, 0.3104, 0.3224

Deuteranopia

43.4919, 0.3197, 0.3136



Tritanopia

43.8638, 0.2966, 0.3104

Trichromacy



Original Color

43.7642, 0.3027, 0.3236

Protanomaly

43.8944, 0.3078, 0.3236

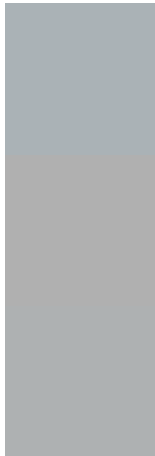
Deuteranomaly

43.7583, 0.3133, 0.3172

Tritanomaly

43.7330, 0.2989, 0.3143

Monochromacy



Original Color

43.7642, 0.3027, 0.3236

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6573, 0.3093, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7642, 0.3027, 0.3236 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(170, 178, 182)` looks like.

```
.text, #text, p{  
    color:rgb(170, 178, 182)  
}
```

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(170, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.7642, 0.3027, 0.3236 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(170, 178, 182) }
```

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

```
.border{ border-color:rgb(170, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(170, 178,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7642, 0.3027, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 178, 182) }
```

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

```
.background{ background-color: rgb(170,  
178, 182) }
```

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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