

Converting Colors

$Yxy(42.9941, 0.3020, 0.3279)$

Have a look what the booklet for
Yxy(42.9941, 0.3020, 0.3279)
contains.

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Color

Yxy(43.1621, 0.3024, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	A6B2B2
RGB	166, 178, 178
RGB Percent	65%, 70%, 70%
CMY	0.3493, 0.3019, 0.3020
CMYK	0.07, 0.00, 0.00, 0.30
HSL	180°, 7%, 67%
HSV	180°, 7%, 70%
XYZ	39.6724, 43.1621, 48.3573
YIQ	174.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

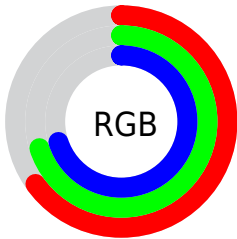
Format	Color
RYB	166, 172, 178
Decimal	10924722
CIELab	71.66, -4.20, -1.45
CIELCh	72, 4.439, 199.002
Yxy	43.1621, 0.3024, 0.3290
Android (android.graphics.Color)	4289114802 (0xFFA6B2B2)
YUV	174.4120, 1.7689, -7.3773
Hunter-Lab	65.6979, -7.1820, 2.3478

Details

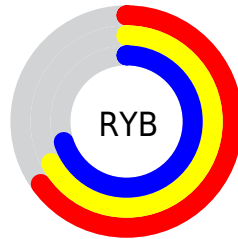
The Yxy color $43.1621, 0.3024, 0.3290$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.4703, 0.3240, 0.3290$, and the grayscale version is $42.5401, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.1583, 0.3041, 0.3290$, and $19.7253, 0.2998, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $41.3707, 0.2878, 0.3290$, and if you desaturate by 10%, it is $45.2234, 0.3177, 0.3290$.

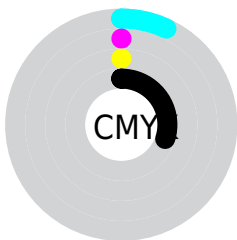
Distribution



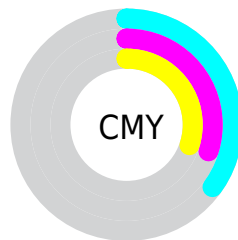
- Red (65%)
- Green (70%)
- Blue (70%)



- Red (65%)
- Yellow (67%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)





- Cyan (35%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1621, 0.3024, 0.3290 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 43.1621, 0.3024, 0.3290 by changing the saturation by 10% instead.


 43.1621, 0.3024,
0.3290


 43.1621, 0.3024,
0.3290


359.2780, 0.3076,
0.3290

 30.0123, 0.3011,
0.3290

 79.9554, 0.3043,
0.3290

 19.8479, 0.2994,
0.3290


 104.3677, 0.3050,
0.3290

 12.2846, 0.2971,
0.3289


133.3030, 0.3056,
0.3290

 6.9378, 0.2938,
0.3289

167.1457, 0.3061,
0.3290

 3.4232, 0.2889,
0.3288

206.2802, 0.3066,
0.3290

 1.3565, 0.2804,
0.3285

251.0907, 0.3070,

 0.1843, 0.1302,

0.3290

301.9619, 0.3073,
0.3290

0.3299

0.0000, 0.0000,
0.0000

43.1621, 0.3024,
0.3290

43.1621, 0.3024,
0.3290

41.3707, 0.2878,
0.3290

45.2234, 0.3177,
0.3290

39.8330, 0.2743,
0.3290

47.5594, 0.3334,
0.3290

38.5390, 0.2621,
0.3291

50.1816, 0.3494,
0.3290

37.4762, 0.2515,
0.3291

53.0992, 0.3653,
0.3290

36.6311, 0.2426,
0.3291

56.3212, 0.3809,
0.3290

■ 35.9885, 0.2355,
0.3292

■ 56.3318, 0.3809,
0.3290

■ 35.5315, 0.2304,
0.3292

■ 56.3333, 0.3809,
0.3290

■ 35.2404, 0.2270,
0.3293

■ 56.3347, 0.3809,
0.3289

■ 35.0874, 0.2253,
0.3293

■ 56.3361, 0.3808,
0.3289

Harmonies

Analogous

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



43.1621, 0.3072, 0.3346



43.1621, 0.3024, 0.3290



43.1621, 0.3004, 0.3235

Triad

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



43.1621, 0.3024, 0.3290



43.1621, 0.3119, 0.3196



43.1621, 0.3239, 0.3385

Complementary

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



43.1621, 0.3024, 0.3290



39.4703, 0.3240, 0.3290

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.



43.1621, 0.3252, 0.3344



43.1621, 0.3024, 0.3290



43.1621, 0.3183, 0.3235

Square

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



43.1621, 0.3024, 0.3290



43.1621, 0.3058, 0.3181



43.1621, 0.3231, 0.3289



43.1621, 0.3196, 0.3401

Rectangle

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



43.1621, 0.3024, 0.3290



43.1621, 0.3009, 0.3206



43.1621, 0.3231, 0.3289



43.1621, 0.3247, 0.3374

Sweetspot

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



43.1639, 0.3024, 0.3290



79.9674, 0.3096, 0.3290



42.7225, 0.3121, 0.3458



17.7256, 0.3098, 0.3290



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.



43.1639, 0.3024, 0.3290



77.7872, 0.3004, 0.3290



40.8903, 0.3025, 0.3209



9.6313, 0.2986, 0.3290



25.0723, 0.2248, 0.3293



0.7890, 0.2248, 0.3292

Inverse Universe

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



39.4703, 0.3240, 0.3290



69.8282, 0.3265, 0.3290



41.6397, 0.3233, 0.3370



8.5055, 0.3287, 0.3290



6.7730, 0.6398, 0.3298



0.2132, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 43.1621, 0.3024, 0.3290 looks on a white background.

Color Contrast Check

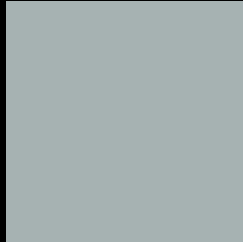
Large Text (above 18pt) WCAG AA × Fail

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 43.1621, 0.3024, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

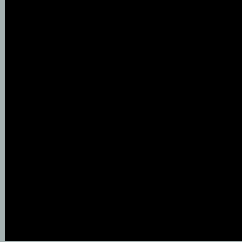
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

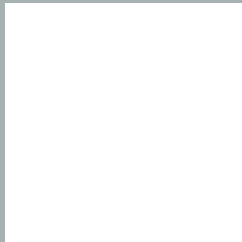
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1621, 0.3024, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 43.1621, 0.3024, 0.3290.



This preview shows how white text looks on a background with the Yxy color 43.1621, 0.3024, 0.3290.

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

43.1621, 0.3024, 0.3290

Protanopia

42.8717, 0.3146, 0.3263

Deuteranopia

42.9919, 0.3224, 0.3161



Tritanopia

43.0932, 0.2949, 0.3102

Trichromacy



Original Color

43.1621, 0.3024, 0.3290

Protanomaly

42.8329, 0.3102, 0.3263

Deuteranomaly

42.9656, 0.3149, 0.3211

Tritanomaly

43.2049, 0.2971, 0.3168

Monochromacy



Original Color

43.1621, 0.3024, 0.3290

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4130, 0.3092, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1621, 0.3024, 0.3290 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(166, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(166, 178, 178)  
}
```

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(166, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 178, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.1621, 0.3024, 0.3290 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(166, 178, 178) }
```

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

```
.border{ border-color:rgb(166, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(166, 178,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1621, 0.3024, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 178, 178) }
```

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

```
.background{ background-color: rgb(166,  
178, 178) }
```

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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