

Converting Colors

$Yxy(46.3963, 0.2981, 0.3223)$

Have a look what the booklet for
Yxy(46.3963, 0.2981, 0.3223)
contains.

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Color

Yxy(46.6130, 0.2982, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	ABB8BD
RGB	171, 184, 189
RGB Percent	67%, 72%, 74%
CMY	0.3295, 0.2784, 0.2589
CMYK	0.10, 0.03, 0.00, 0.26
HSL	197°, 12%, 71%
HSV	197°, 10%, 74%
XYZ	43.1141, 46.6130, 54.8541
YIQ	180.6830, -9.3530, -1.2010

Conversions

Conversions Part 2

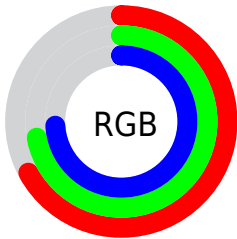
Format	Color
R _{YB}	171, 179, 189
Decimal	11253949
CIE Lab	73.94, -3.50, -4.07
CIE LCh	74, 5.369, 229.272
Yxy	46.6130, 0.2982, 0.3224
Android (android.graphics.Color)	4289444029 (0xFFABB8BD)
YUV	180.6830, 4.1003, -8.4920
Hunter-Lab	68.2737, -6.7581, 0.1554

Details

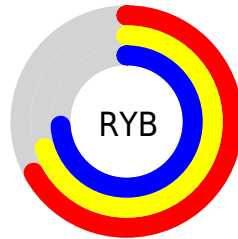
The Yxy color **46.6130, 0.2982, 0.3224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7817, 0.3285, 0.3355**, and the grayscale version is **46.0080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0815, 0.3007, 0.3238**, and **21.9321, 0.2942, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **42.5177, 0.2830, 0.3148**, and if you desaturate by 10%, it is **51.0953, 0.3134, 0.3293**.

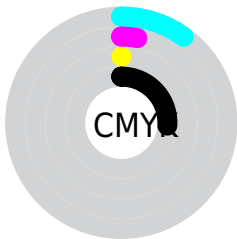
Distribution



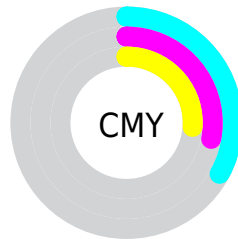
- Red (67%)
- Green (72%)
- Blue (74%)



- Red (67%)
- Yellow (70%)
- Blue (74%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (33%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6130, 0.2982, 0.3224 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 46.6130, 0.2982, 0.3224 by changing the saturation by 10% instead.

■ 46.6130, 0.2982,
0.3224

■ 46.6130, 0.2982,
0.3224

373.2677, 0.3054,
0.3257

■ 32.7298, 0.2964,
0.3216

■ 85.1357, 0.3008,
0.3236

■ 21.9196, 0.2941,
0.3205

110.5439, 0.3018,
0.3241

■ 13.7978, 0.2910,
0.3190

140.5627, 0.3026,
0.3245

■ 7.9802, 0.2868,
0.3169

175.5764, 0.3034,
0.3248

■ 4.0823, 0.2804,
0.3138

215.9693, 0.3040,
0.3251

■ 1.7197, 0.2699,
0.3084

262.1259, 0.3045,

■ 0.4364, 0.2159,

0.3253

0.2861

314.4305, 0.3050,
0.3256

0.0000, 0.0000,
0.0000

46.6130, 0.2982,
0.3224

46.6130, 0.2982,
0.3224

42.5177, 0.2830,
0.3148

51.0953, 0.3134,
0.3293

38.7899, 0.2682,
0.3065

55.9717, 0.3285,
0.3355

35.4170, 0.2540,
0.2976

61.2562, 0.3432,
0.3411

32.3832, 0.2408,
0.2881

66.9606, 0.3574,
0.3460

29.6714, 0.2290,
0.2782

71.0568, 0.3629,
0.3509

■ 27.2628, 0.2188,
0.2680

■ 73.6724, 0.3615,
0.3561

■ 25.1360, 0.2104,
0.2576

■ 76.3725, 0.3602,
0.3613

■ 23.2657, 0.2040,
0.2473

■ 79.1579, 0.3589,
0.3664

■ 21.6061, 0.1993,
0.2372

■ 82.0293, 0.3577,
0.3715

Harmonies

Analogous

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



46.6130, 0.3005, 0.3289



46.6130, 0.2982, 0.3224



46.6130, 0.2997, 0.3178

Triad

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



46.6130, 0.2982, 0.3224



46.6130, 0.3193, 0.3226



46.6130, 0.3207, 0.3421

Complementary

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



46.6130, 0.2982, 0.3224



44.7817, 0.3285, 0.3355

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.



46.6130, 0.3259, 0.3402



46.6130, 0.2982, 0.3224



46.6130, 0.3251, 0.3289

Square

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



46.6130, 0.2982, 0.3224



46.6130, 0.3118, 0.3180



46.6130, 0.3275, 0.3354



46.6130, 0.3135, 0.3404

Rectangle

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



46.6130, 0.2982, 0.3224



46.6130, 0.3027, 0.3163



46.6130, 0.3275, 0.3354



46.6130, 0.3228, 0.3419

Sweetspot

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



46.6150, 0.2982, 0.3224



88.6303, 0.3081, 0.3270



48.1656, 0.3080, 0.3466



18.9190, 0.3068, 0.3264



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



46.6150, 0.2982, 0.3224



82.2527, 0.2957, 0.3212



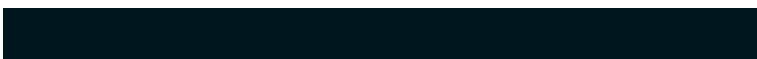
43.0571, 0.2981, 0.3105



10.3526, 0.2985, 0.3225



14.6231, 0.1994, 0.2380



0.6769, 0.2062, 0.2623

Inverse Universe

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



43.3940, 0.3180, 0.3122



75.5894, 0.3189, 0.3092



48.3592, 0.3273, 0.3468



9.6502, 0.3179, 0.3125



8.5059, 0.4044, 0.2001



0.3437, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 46.6130, 0.2982, 0.3224 looks on a white background.

Color Contrast Check

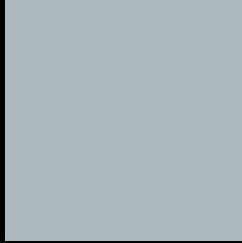
Large Text (above 18pt) WCAG AA × Fail

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 46.6130, 0.2982, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

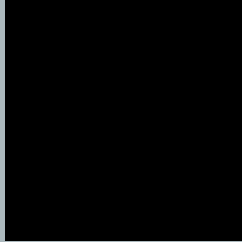
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

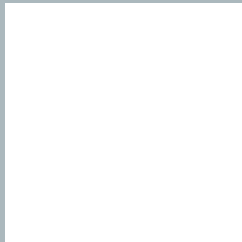
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.6130, 0.2982, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 46.6130, 0.2982, 0.3224.



This preview shows how white text looks on a background with the Yxy color 46.6130, 0.2982, 0.3224.

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

46.6130, 0.2982, 0.3224

Protanopia

46.7029, 0.3097, 0.3212

Deuteranopia

46.4144, 0.3171, 0.3103



Tritanopia

46.6688, 0.2931, 0.3107

Trichromacy



Original Color

46.6130, 0.2982, 0.3224

Protanomaly

46.6704, 0.3055, 0.3212

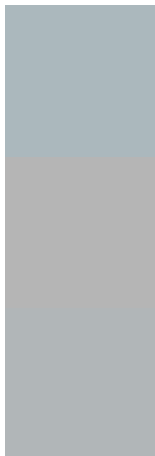
Deuteranomaly

46.3970, 0.3100, 0.3149

Tritanomaly

46.5327, 0.2953, 0.3145

Monochromacy



Original Color

46.6130, 0.2982, 0.3224

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2637, 0.3069, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6130, 0.2982, 0.3224 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(171, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(171, 184, 189)  
}
```

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(171, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 184, 189) }
```

Border

The CSS property to change the border of an element to Yxy 46.6130, 0.2982, 0.3224 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(171, 184, 189) }
```

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

```
.border{ border-color:rgb(171, 184, 189) }
```

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

Here you see how a box with a 4 pixel rgb(171, 184, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(171, 184,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6130, 0.2982, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 184, 189) }
```

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

```
.background{ background-color: rgb(171,  
184, 189) }
```

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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