

Converting Colors

Yxy(60.0186, 0.3024, 0.3361)

Have a look what the booklet for
Yxy(60.0186, 0.3024, 0.3361)
contains.

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Color

Yxy(60.0674, 0.3020, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	BCD0CA
RGB	188, 208, 202
RGB Percent	74%, 82%, 79%
CMY	0.2628, 0.1843, 0.2078
CMYK	0.10, 0.00, 0.03, 0.18
HSL	162°, 18%, 78%
HSV	162°, 10%, 82%
XYZ	53.9570, 60.0674, 64.6412
YIQ	201.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

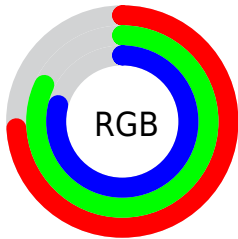
Format	Color
R _{YB}	188, 200, 208
Decimal	12374218
CIE Lab	81.87, -7.87, 0.66
CIE LCh	82, 7.896, 175.221
Yxy	60.0674, 0.3020, 0.3362
Android (android.graphics.Color)	4290564298 (0xFFBCD0CA)
YUV	201.3360, 0.3274, -11.6957
Hunter-Lab	77.5032, -11.3604, 4.8016

Details

The Yxy color **60.0674, 0.3020, 0.3362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2700, 0.3247, 0.3219**, and the grayscale version is **58.6324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **30.4002, 0.2996, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **57.3272, 0.2913, 0.3445**, and if you desaturate by 10%, it is **63.2053, 0.3131, 0.3287**.

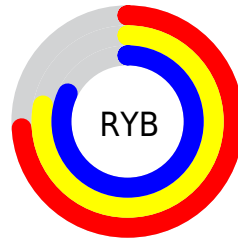
Distribution



Red (74%)

Green (82%)

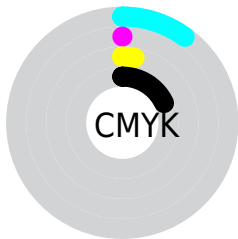
Blue (79%)



Red (74%)

Yellow (78%)

Blue (82%)

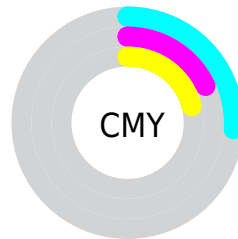


Cyan (10%)

Magenta (0%)

Yellow (3%)

Black (18%)



Cyan (26%)


Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0674, 0.3020, 0.3362 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 60.0674, 0.3020, 0.3362 by changing the saturation by 10% instead.

 60.0674, 0.3020,
0.3362

 60.0674, 0.3020,
0.3362


424.8462, 0.3071,
0.3328

 43.4730, 0.3008,
0.3370


 104.9274, 0.3038,
0.3350

 30.2564, 0.2992,
0.3381


133.9618, 0.3045,
0.3345

 20.0333, 0.2973,
0.3394


167.9116, 0.3051,
0.3341

 12.4192, 0.2946,
0.3412

207.1613, 0.3056,
0.3338

 7.0299, 0.2908,
0.3438

252.0952, 0.3061,
0.3335

 3.4808, 0.2850,
0.3477

303.0977, 0.3065,

 1.3876, 0.2750,

0.3332

0.3546

360.5532, 0.3068,
0.3330

0.2076, 0.0132,
0.5285

0.0000, 0.0000,
0.0000

60.0674, 0.3020,
0.3362

60.0674, 0.3020,
0.3362

57.3272, 0.2913,
0.3445

63.2053, 0.3131,
0.3287

54.9607, 0.2813,
0.3535


66.7486, 0.3245,
0.3220

52.9529, 0.2723,
0.3633


70.7144, 0.3358,
0.3161


51.2849, 0.2645,
0.3736

71.9136, 0.3348,
0.3100


 49.9360, 0.2584,
0.3845


 72.2629, 0.3302,
0.3039

 48.8831, 0.2541,
0.3958


 72.6248, 0.3258,
0.2979

 48.1000, 0.2518,
0.4072

 72.9993, 0.3214,
0.2920

 47.5558, 0.2514,
0.4185

 73.3866, 0.3171,
0.2861

 47.1960, 0.2528,
0.4297

 73.5934, 0.3149,
0.2831

Harmonies

Analogous

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



60.0674, 0.3117, 0.3435



60.0674, 0.3020, 0.3362



60.0674, 0.2953, 0.3270

Triad

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



60.0674, 0.3020, 0.3362



60.0674, 0.3036, 0.3119



60.0674, 0.3327, 0.3391

Complementary

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



60.0674, 0.3020, 0.3362



53.2700, 0.3247, 0.3219

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.



60.0674, 0.3305, 0.3306



60.0674, 0.3020, 0.3362



60.0674, 0.3135, 0.3151

Square

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



60.0674, 0.3020, 0.3362



60.0674, 0.2962, 0.3130



60.0674, 0.3234, 0.3219



60.0674, 0.3295, 0.3450

Rectangle

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



60.0674, 0.3020, 0.3362



60.0674, 0.2933, 0.3211



60.0674, 0.3234, 0.3219



60.0674, 0.3326, 0.3364

Sweetspot

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



60.0699, 0.3020, 0.3362



98.4314, 0.3093, 0.3312



60.2135, 0.3161, 0.3533



20.9808, 0.3084, 0.3318



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



60.0699, 0.3020, 0.3362



94.0761, 0.2992, 0.3382



58.4322, 0.2980, 0.3241



13.3444, 0.3022, 0.3360



29.4240, 0.2524, 0.4286



1.6588, 0.2467, 0.4080

Inverse Universe

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



53.2700, 0.3247, 0.3219



80.7011, 0.3283, 0.3200



54.7400, 0.3289, 0.3338



11.8656, 0.3244, 0.3221



8.5907, 0.5750, 0.2941



0.4943, 0.5218, 0.2648

Previews

White Background



This preview shows how the Yxy color 60.0674, 0.3020, 0.3362 looks on a white background.

Color Contrast Check

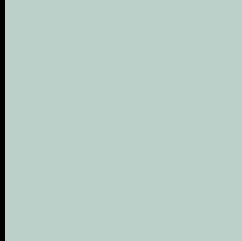
Large Text (above 18pt) WCAG AA × Fail

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 60.0674, 0.3020, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

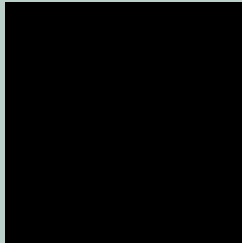
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

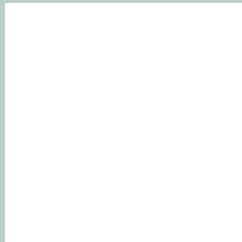
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0674, 0.3020, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 60.0674, 0.3020, 0.3362.



This preview shows how white text looks on a background with the Yxy color 60.0674, 0.3020, 0.3362.

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

60.0674, 0.3020, 0.3362

Protanopia

59.7745, 0.3195, 0.3325

Deuteranopia

59.8217, 0.3274, 0.3212



Tritanopia

59.9595, 0.2916, 0.3101

Trichromacy



Original Color

60.0674, 0.3020, 0.3362

Protanomaly

59.7734, 0.3133, 0.3337

Deuteranomaly

59.7867, 0.3183, 0.3267

Tritanomaly

59.9448, 0.2955, 0.3194

Monochromacy



Original Color

60.0674, 0.3020, 0.3362

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1385, 0.3087, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0674, 0.3020, 0.3362 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(188, 208, 202)` looks like.

```
.text, #text, p{  
    color:rgb(188, 208, 202)  
}
```

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(188, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.0674, 0.3020, 0.3362 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(188, 208, 202) }
```

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

```
.border{ border-color:rgb(188, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(188, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(188, 208,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0674, 0.3020, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 208, 202) }
```

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

```
.background{ background-color: rgb(188,  
208, 202) }
```

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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