

Converting Colors

$Yxy(61.9480, 0.2961, 0.3472)$

Have a look what the booklet for
Yxy(61.9480, 0.2961, 0.3472)
contains.

Yxy(62.2360, 0.2963, 0.3473)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.2360, 0.2963, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	B2D7C8
RGB	178, 215, 200
RGB Percent	70%, 84%, 78%
CMY	0.3017, 0.1569, 0.2156
CMYK	0.17, 0.00, 0.07, 0.16
HSL	156°, 32%, 77%
HSV	156°, 17%, 84%
XYZ	53.0968, 62.2360, 63.8667
YIQ	202.2270, -17.2370, -12.5090

Conversions

Conversions Part 2

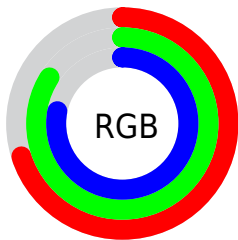
Format	Color
R _Y B	178, 201, 215
Decimal	11720648
CIE Lab	83.04, -15.10, 3.34
CIE LCh	83, 15.462, 167.530
Yxy	62.2360, 0.2963, 0.3473
Android (android.graphics.Color)	4289910728 (0xFFB2D7C8)
YUV	202.2270, -1.0979, -21.2471
Hunter-Lab	78.8898, -17.9176, 7.2235

Details

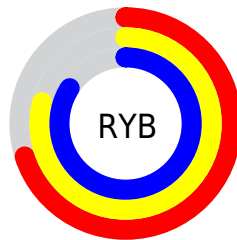
The Yxy color **62.2360, 0.2963, 0.3473** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1612, 0.3327, 0.3114**, and the grayscale version is **59.2349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **31.5769, 0.2923, 0.3520** is the 20% darker color. If you saturate the color by 10%, you get **59.4945, 0.2874, 0.3595**, and if you desaturate by 10%, it is **65.4046, 0.3058, 0.3362**.

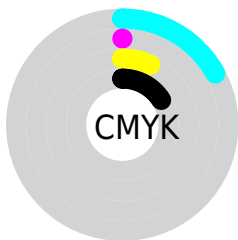
Distribution



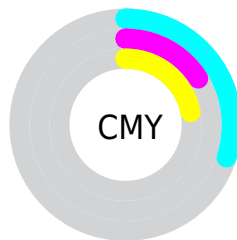
- Red (70%)
- Green (84%)
- Blue (78%)



- Red (70%)
- Yellow (79%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2360, 0.2963, 0.3473 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 62.2360, 0.2963, 0.3473 by changing the saturation by 10% instead.

■ 62.2360, 0.2963,
0.3473

■ 62.2360, 0.2963,
0.3473

432.7914, 0.3042,
0.3385

■ 45.2234, 0.2944,
0.3494

■ 108.0665, 0.2991,
0.3442

■ 31.6334, 0.2921,
0.3521

137.6533, 0.3002,
0.3430

■ 21.0817, 0.2890,
0.3555

172.2002, 0.3011,
0.3420

■ 13.1837, 0.2850,
0.3602

212.0917, 0.3019,
0.3411

■ 7.5552, 0.2792,
0.3669

257.7122, 0.3025,
0.3403

■ 3.8117, 0.2704,
0.3771

309.4461, 0.3031,

■ 1.5688, 0.2553,

0.3396

0.3950

367.6777, 0.3037,
0.3390

0.3364, 0.0000,
0.7169

0.0000, 0.0000,
0.0000

62.2360, 0.2963,
0.3473

62.2360, 0.2963,
0.3473

59.4945, 0.2874,
0.3595

65.4046, 0.3058,
0.3362

57.1533, 0.2792,
0.3728


69.0100, 0.3155,
0.3263

55.1947, 0.2722,
0.3871

73.0716, 0.3252,
0.3175

53.5964, 0.2666,
0.4022

75.8473, 0.3283,
0.3092

 52.3340, 0.2627,
0.4178


 76.3632, 0.3222,
0.3008


 51.3796, 0.2608,
0.4337

 76.9042, 0.3163,
0.2925

 50.7007, 0.2609,
0.4495

 77.0759, 0.3145,
0.2900

 50.2543, 0.2629,
0.4649

 50.1497, 0.2637,
0.4692

Harmonies

Analogous

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



62.2360, 0.3155, 0.3601



62.2360, 0.2963, 0.3473



62.2360, 0.2818, 0.3294

Triad

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



62.2360, 0.2963, 0.3473



62.2360, 0.2907, 0.2960



62.2360, 0.3516, 0.3440

Complementary

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



62.2360, 0.2963, 0.3473



50.1612, 0.3327, 0.3114

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.



62.2360, 0.3445, 0.3274



62.2360, 0.2963, 0.3473



62.2360, 0.3089, 0.3003

Square

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



62.2360, 0.2963, 0.3473



62.2360, 0.2786, 0.3001



62.2360, 0.3288, 0.3116



62.2360, 0.3478, 0.3574

Rectangle

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



62.2360, 0.2963, 0.3473



62.2360, 0.2765, 0.3175



62.2360, 0.3288, 0.3116



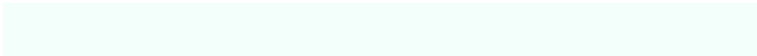
62.2360, 0.3504, 0.3386

Sweetspot

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



62.2386, 0.2963, 0.3473



97.3330, 0.3078, 0.3340



63.2088, 0.3219, 0.3737



20.7559, 0.3071, 0.3348



0.0000, 0.0000, 0.0000



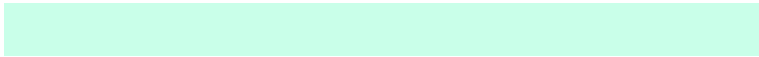
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2386, 0.2963, 0.3473



89.8996, 0.2926, 0.3521



61.4209, 0.2868, 0.3252



14.0187, 0.3036, 0.3386



30.0202, 0.2630, 0.4669



1.8269, 0.2557, 0.4404

Inverse Universe

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



50.1612, 0.3327, 0.3114



68.5799, 0.3384, 0.3071



50.7653, 0.3449, 0.3328



12.5034, 0.3228, 0.3196



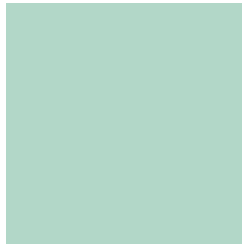
9.0741, 0.5342, 0.2716



0.5635, 0.4889, 0.2467

Previews

White Background



This preview shows how the Yxy color 62.2360, 0.2963, 0.3473 looks on a white background.

Color Contrast Check

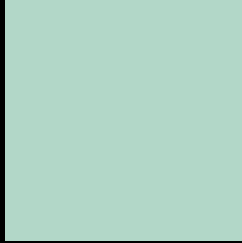
Large Text (above 18pt) WCAG AA × Fail

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 62.2360, 0.2963, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

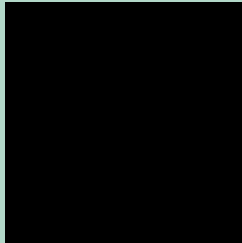
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

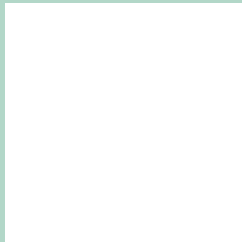
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.2360, 0.2963, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 62.2360, 0.2963, 0.3473.



This preview shows how white text looks on a background with the Yxy color 62.2360, 0.2963, 0.3473.

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

62.2360, 0.2963, 0.3473

Protanopia

62.2289, 0.3260, 0.3417

Deuteranopia

61.9512, 0.3318, 0.3257



Tritanopia

62.2572, 0.2820, 0.3090

Trichromacy



Original Color

62.2360, 0.2963, 0.3473

Protanomaly

61.9115, 0.3143, 0.3432

Deuteranomaly

61.4822, 0.3179, 0.3325

Tritanomaly

61.9727, 0.2869, 0.3218

Monochromacy



Original Color

62.2360, 0.2963, 0.3473

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.1801, 0.3064, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2360, 0.2963, 0.3473 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(178, 215, 200)` looks like.

```
.text, #text, p{  
    color:rgb(178, 215, 200)  
}
```

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(178, 215, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 215, 200) }
```

Border

The CSS property to change the border of an element to Yxy 62.2360, 0.2963, 0.3473 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(178, 215, 200) }
```

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

```
.border{ border-color:rgb(178, 215, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 215, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 215, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 215, 200);  
box-shadow:4px 4px 4px 4px rgb(178, 215,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2360, 0.2963, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 215, 200) }
```

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

```
.background{ background-color: rgb(178,  
215, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor