

Converting Colors

$Yxy(60.2216, 0.3079, 0.3685)$

Have a look what the booklet for
Yxy(60.2216, 0.3079, 0.3685)
contains.

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Color

Yxy(60.2718, 0.3079, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	B1D5B5
RGB	177, 213, 181
RGB Percent	69%, 84%, 71%
CMY	0.3060, 0.1647, 0.2901
CMYK	0.17, 0.00, 0.15, 0.16
HSL	127°, 30%, 76%
HSV	127°, 17%, 84%
XYZ	50.2646, 60.2718, 52.7133
YIQ	198.5880, -11.1840, -17.5840

Conversions

Conversions Part 2

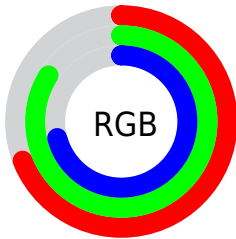
Format	Color
RYB	177, 209, 213
Decimal	11654581
CIELab	81.99, -18.01, 11.90
CIELCh	82, 21.589, 146.555
Yxy	60.2718, 0.3079, 0.3692
Android (android.graphics.Color)	4289844661 (0xFFB1D5B5)
YUV	198.5880, -8.6709, -18.9327
Hunter-Lab	77.6349, -20.2916, 14.0871

Details

The Yxy color **60.2718, 0.3079, 0.3692** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.1853, 0.3179, 0.2919**, and the grayscale version is **56.9077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9581, 0.3094, 0.3471**, and **30.2973, 0.3065, 0.3801** is the 20% darker color. If you saturate the color by 10%, you get **57.2411, 0.3050, 0.3970**, and if you desaturate by 10%, it is **63.8034, 0.3108, 0.3444**.

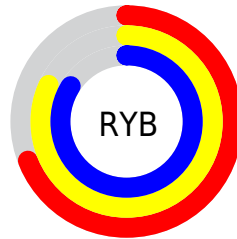
Distribution



Red (69%)

Green (84%)

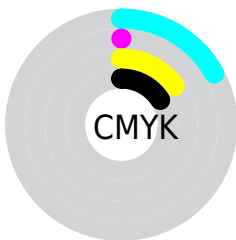
Blue (71%)



Red (69%)

Yellow (82%)

Blue (84%)

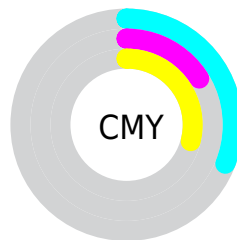


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (31%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2718, 0.3079, 0.3692 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 60.2718, 0.3079, 0.3692 by changing the saturation by 10% instead.

 60.2718, 0.3079,
0.3692

 60.2718, 0.3079,
0.3692


425.5989, 0.3105,
0.3494

 43.6377, 0.3072,
0.3740


 105.2238, 0.3089,
0.3621

 30.3858, 0.3063,
0.3802


134.3106, 0.3092,
0.3594

 20.1316, 0.3051,
0.3883


168.3171, 0.3095,
0.3571

 12.4908, 0.3033,
0.3994

207.6277, 0.3098,
0.3552

 7.0788, 0.3005,
0.4155

252.6268, 0.3100,
0.3534

 3.5115, 0.2956,
0.4412

303.6987, 0.3102,

 1.4042, 0.2894,

0.3519

0.4947

361.2280, 0.3103,
0.3506

■ 0.2198, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2718, 0.3079,
0.3692

■ 60.2718, 0.3079,
0.3692

■ 57.2411, 0.3050,
0.3970

■ 63.8034, 0.3108,
0.3444

■ 54.6813, 0.3022,
0.4274

■ 67.8490, 0.3136,
0.3226

■ 52.5710, 0.2997,
0.4597

■ 72.4309, 0.3162,
0.3036

■ 50.8841, 0.2977,
0.4925

■ 76.0723, 0.3146,
0.2881

■ 49.5919, 0.2964,
0.5240

■ 48.6618, 0.2960,
0.5518

■ 48.0564, 0.2965,
0.5741

■ 47.7272, 0.2977,
0.5893

■ 47.6579, 0.2980,
0.5927

Harmonies

Analogous

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



60.2718, 0.3355, 0.3783



60.2718, 0.3079, 0.3692



60.2718, 0.2824, 0.3477

Triad

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



60.2718, 0.3079, 0.3692



60.2718, 0.2689, 0.2855



60.2718, 0.3624, 0.3334

Complementary

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



60.2718, 0.3079, 0.3692



50.1853, 0.3179, 0.2919

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.



60.2718, 0.3430, 0.3108



60.2718, 0.3079, 0.3692



60.2718, 0.2887, 0.2838

Square

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



60.2718, 0.3079, 0.3692



60.2718, 0.2606, 0.2987



60.2718, 0.3157, 0.2930



60.2718, 0.3677, 0.3559

Rectangle

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



60.2718, 0.3079, 0.3692



60.2718, 0.2698, 0.3301



60.2718, 0.3157, 0.2930



60.2718, 0.3572, 0.3256

Sweetspot

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



60.2744, 0.3079, 0.3692



96.9538, 0.3113, 0.3401



64.3803, 0.3352, 0.3711



20.6639, 0.3111, 0.3417



0.0000, 0.0000, 0.0000



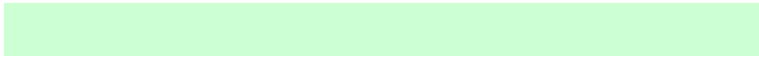
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2744, 0.3079, 0.3692



88.9969, 0.3069, 0.3780



61.0419, 0.2964, 0.3467



13.9184, 0.3101, 0.3503



29.1168, 0.2976, 0.5913



1.7640, 0.2914, 0.5690

Inverse Universe

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



50.1853, 0.3179, 0.2919



71.3023, 0.3190, 0.2844



49.3625, 0.3325, 0.3119



12.6076, 0.3155, 0.3086



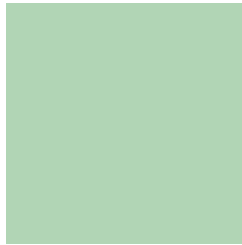
10.8971, 0.3512, 0.1708



0.6643, 0.3453, 0.1676

Previews

White Background



This preview shows how the Yxy color 60.2718, 0.3079, 0.3692 looks on a white background.

Color Contrast Check

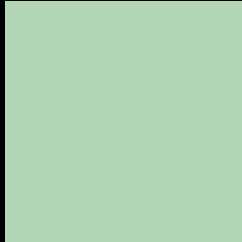
Large Text (above 18pt) WCAG AA × Fail

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 60.2718, 0.3079, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

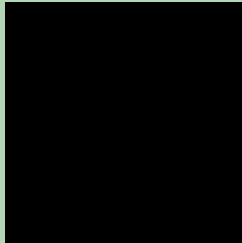
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

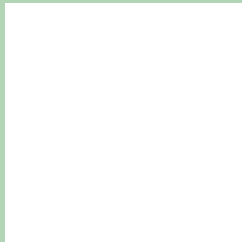
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2718, 0.3079, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 60.2718, 0.3079, 0.3692.

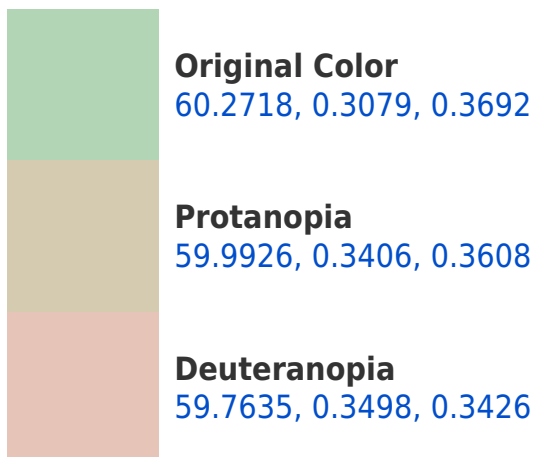


This preview shows how white text looks on a background with the Yxy color 60.2718, 0.3079, 0.3692.

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





Tritanopia

60.1437, 0.2855, 0.3099

Trichromacy



Original Color

60.2718, 0.3079, 0.3692

Protanomaly

60.1194, 0.3280, 0.3640

Deuteranomaly

59.5088, 0.3338, 0.3514

Tritanomaly

59.9788, 0.2931, 0.3302

Monochromacy



Original Color

60.2718, 0.3079, 0.3692

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0679, 0.3113, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2718, 0.3079, 0.3692 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(177, 213, 181)` looks like.

```
.text, #text, p{  
    color:rgb(177, 213, 181)  
}
```

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(177, 213, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 213, 181) }
```

Border

The CSS property to change the border of an element to Yxy 60.2718, 0.3079, 0.3692 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(177, 213, 181) }
```

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

```
.border{ border-color:rgb(177, 213, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 213, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 213, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 213, 181);  
box-shadow:4px 4px 4px 4px rgb(177, 213,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2718, 0.3079, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 213, 181) }
```

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

```
.background{ background-color: rgb(177,  
213, 181) }
```

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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