

Converting Colors

$Yxy(60.2237, 0.2945, 0.3568)$

Have a look what the booklet for
Yxy(60.2237, 0.2945, 0.3568)
contains.

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Color

Yxy(60.2237, 0.2945, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	A8D6C0
RGB	168, 214, 192
RGB Percent	66%, 84%, 75%
CMY	0.3411, 0.1608, 0.2472
CMYK	0.21, 0.00, 0.10, 0.16
HSL	151°, 36%, 75%
HSV	151°, 21%, 84%
XYZ	49.7082, 60.2237, 58.8565
YIQ	197.7380, -20.3540, -16.5940

Conversions

Conversions Part 2

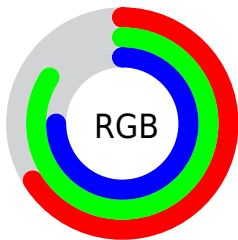
Format	Color
R_{YB}	168, 198, 214
Decimal	11065024
CIE _{Lab}	81.96, -19.40, 5.98
CIE _{LCh}	82, 20.299, 162.879
Yxy	60.2237, 0.2945, 0.3568
Android (android.graphics.Color)	4289255104 (0xFFA8D6C0)
YUV	197.7380, -2.8288, -26.0802
Hunter-Lab	77.6039, -21.4710, 9.3559

Details

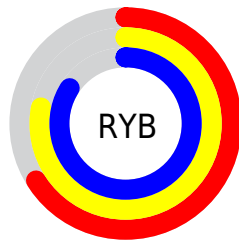
The Yxy color **60.2237, 0.2945, 0.3568** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0256, 0.3358, 0.3028**, and the grayscale version is **56.3326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1446, 0.2978, 0.3360**, and **30.3052, 0.2892, 0.3632** is the 20% darker color. If you saturate the color by 10%, you get **57.6286, 0.2867, 0.3719**, and if you desaturate by 10%, it is **63.2420, 0.3028, 0.3431**.

Distribution



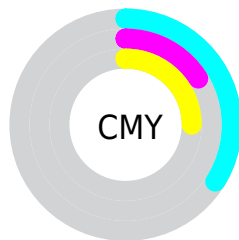
- Red (66%)
- Green (84%)
- Blue (75%)



- Red (66%)
- Yellow (78%)
- Blue (84%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)




- Cyan (34%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.2237, 0.2945, 0.3568 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 60.2237, 0.2945, 0.3568 by changing the saturation by 10% instead.


 60.2237, 0.2945,
0.3568


 60.2237, 0.2945,
0.3568


425.4218, 0.3034,
0.3432

 43.5990, 0.2924,
0.3601

 105.1541, 0.2977,
0.3519

 30.3554, 0.2897,
0.3643


 134.2286, 0.2989,
0.3501

 20.1085, 0.2861,
0.3698


168.2217, 0.2999,
0.3485

 12.4739, 0.2814,
0.3773

207.5180, 0.3008,
0.3472

 7.0673, 0.2745,
0.3881

252.5017, 0.3015,
0.3460

 3.5042, 0.2637,
0.4052

303.5574, 0.3022,

 1.4003, 0.2445,

0.3450

0.4362

361.0693, 0.3028,
0.3440

0.2169, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.2237, 0.2945,
0.3568

60.2237, 0.2945,
0.3568

57.6286, 0.2867,
0.3719

63.2420, 0.3028,
0.3431

55.4297, 0.2798,
0.3884

66.6942, 0.3114,
0.3307

53.6082, 0.2740,
0.4060


70.6000, 0.3201,
0.3197

52.1412, 0.2698,
0.4244


74.9754, 0.3287,
0.3101

 51.0027, 0.2673,
0.4432


 75.8407, 0.3226,
0.3002

 50.1632, 0.2668,
0.4620

 76.4783, 0.3156,
0.2905

 49.5875, 0.2683,
0.4803

 76.5757, 0.3146,
0.2891

 49.2542, 0.2709,
0.4952

Harmonies

Analogous

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



60.2237, 0.3203, 0.3723



60.2237, 0.2945, 0.3568



60.2237, 0.2742, 0.3331

Triad

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



60.2237, 0.2945, 0.3568



60.2237, 0.2804, 0.2858



60.2237, 0.3639, 0.3451

Complementary

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



60.2237, 0.2945, 0.3568



46.0256, 0.3358, 0.3028

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.



60.2237, 0.3524, 0.3232



60.2237, 0.2945, 0.3568



60.2237, 0.3035, 0.2899

Square

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



60.2237, 0.2945, 0.3568



60.2237, 0.2663, 0.2924



60.2237, 0.3300, 0.3034



60.2237, 0.3610, 0.3641

Rectangle

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



60.2237, 0.2945, 0.3568



60.2237, 0.2661, 0.3168



60.2237, 0.3300, 0.3034



60.2237, 0.3616, 0.3379

Sweetspot

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



60.2262, 0.2945, 0.3568



96.7497, 0.3075, 0.3362



61.9015, 0.3265, 0.3856



20.6358, 0.3069, 0.3370



0.0000, 0.0000, 0.0000



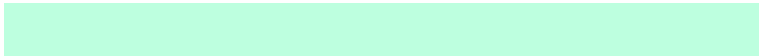
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2262, 0.2945, 0.3568



87.6412, 0.2907, 0.3638



60.8898, 0.2809, 0.3280



14.0030, 0.3046, 0.3404



29.7906, 0.2702, 0.4926



1.8135, 0.2617, 0.4620

Inverse Universe

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



46.0256, 0.3358, 0.3028



62.7180, 0.3423, 0.2967



45.4175, 0.3557, 0.3301



12.5189, 0.3217, 0.3179



9.2479, 0.5036, 0.2548



0.5745, 0.4637, 0.2328

Previews

White Background



This preview shows how the Yxy color 60.2237, 0.2945, 0.3568 looks on a white background.

Color Contrast Check

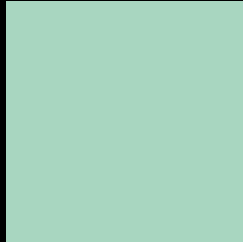
Large Text (above 18pt) WCAG AA × Fail

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 60.2237, 0.2945, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

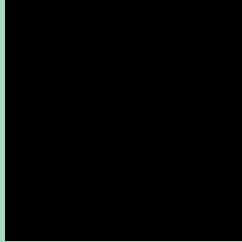
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

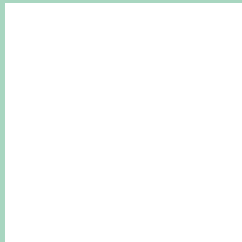
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2237, 0.2945, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 60.2237, 0.2945, 0.3568.



This preview shows how white text looks on a background with the Yxy color 60.2237, 0.2945, 0.3568.

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

60.2237, 0.2945, 0.3568

Protanopia

60.1059, 0.3314, 0.3490

Deuteranopia

59.6341, 0.3370, 0.3291



Tritanopia

60.0906, 0.2772, 0.3085

Trichromacy



Original Color

60.2237, 0.2945, 0.3568

Protanomaly

59.8586, 0.3170, 0.3520

Deuteranomaly

59.6311, 0.3200, 0.3385

Tritanomaly

60.2142, 0.2833, 0.3252

Monochromacy



Original Color

60.2237, 0.2945, 0.3568

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7360, 0.3054, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2237, 0.2945, 0.3568 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(168, 214, 192)` looks like.

```
.text, #text, p{  
    color:rgb(168, 214, 192)  
}
```

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(168, 214, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 214, 192) }
```

Border

The CSS property to change the border of an element to Yxy 60.2237, 0.2945, 0.3568 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(168, 214, 192) }
```

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

```
.border{ border-color:rgb(168, 214, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 214, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 214, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 214, 192);  
box-shadow:4px 4px 4px 4px rgb(168, 214,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2237, 0.2945, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 214, 192) }
```

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

```
.background{ background-color: rgb(168,  
214, 192) }
```

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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