

Converting Colors

$Yxy(62.9062, 0.2740, 0.3488)$

Have a look what the booklet for
Yxy(62.9062, 0.2740, 0.3488)
contains.

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Color

Yxy(62.9947, 0.2742, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	94DECE
RGB	148, 222, 206
RGB Percent	58%, 87%, 81%
CMY	0.4198, 0.1293, 0.1922
CMYK	0.33, 0.00, 0.07, 0.13
HSL	167°, 53%, 73%
HSV	167°, 33%, 87%
XYZ	49.4649, 62.9947, 67.9376
YIQ	198.0500, -38.9680, -20.6640

Conversions

Conversions Part 2

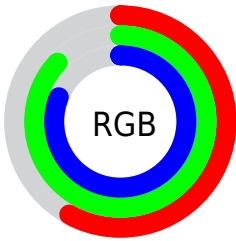
Format	Color
RYB	148, 189, 222
Decimal	9756366
CIELab	83.44, -26.44, 0.55
CIELCh	83, 26.442, 178.817
Yxy	62.9947, 0.2742, 0.3492
Android (android.graphics.Color)	4287946446 (0xFF94DECE)
YUV	198.0500, 3.9194, -43.8938
Hunter-Lab	79.3692, -27.6503, 4.8080

Details

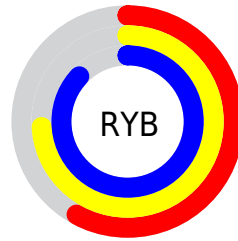
The Yxy color **62.9947, 0.2742, 0.3492** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.3718, 0.3733, 0.3101**, and the grayscale version is **56.4905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **32.2841, 0.2647, 0.3546** is the 20% darker color. If you saturate the color by 10%, you get **60.8928, 0.2648, 0.3563**, and if you desaturate by 10%, it is **65.5058, 0.2848, 0.3425**.

Distribution



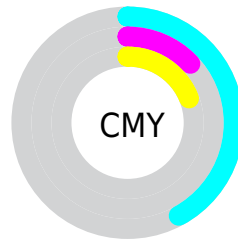
- Red (58%)
- Green (87%)
- Blue (81%)



- Red (58%)
- Yellow (74%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (42%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9947, 0.2742, 0.3492 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 62.9947, 0.2742, 0.3492 by changing the saturation by 10% instead.


 62.9947, 0.2742,
0.3492


 62.9947, 0.2742,
0.3492


435.5503, 0.2924,
0.3396

 45.8369, 0.2699,
0.3515


 109.1619, 0.2806,
0.3458

 32.1172, 0.2646,
0.3543


 138.9400, 0.2831,
0.3445

 21.4510, 0.2577,
0.3579


173.6938, 0.2852,
0.3434

 13.4541, 0.2487,
0.3627

213.8076, 0.2870,
0.3425

 7.7420, 0.2360,
0.3694

259.6657, 0.2886,
0.3416

 3.9303, 0.2172,
0.3795

311.6526, 0.2901,

 1.6346, 0.1863,

0.3409

370.1526, 0.2913,
0.3402

0.3961

0.3808, 0.0000,
0.5029

0.0000, 0.0000,
0.0000

62.9947, 0.2742,
0.3492

62.9947, 0.2742,
0.3492

60.8928, 0.2648,
0.3563

65.5058, 0.2848,
0.3425

59.1697, 0.2570,
0.3638

68.4395, 0.2963,
0.3364

57.8026, 0.2508,
0.3716

71.8179, 0.3085,
0.3308

56.7635, 0.2466,
0.3796

75.6593, 0.3211,
0.3257

■ 56.0197, 0.2444,
0.3876

■ 79.2248, 0.3309,
0.3211

■ 55.5318, 0.2441,
0.3955

■ 79.4984, 0.3276,
0.3164

■ 55.3067, 0.2447,
0.4008

■ 79.7795, 0.3244,
0.3117

■ 80.0682, 0.3212,
0.3070

■ 80.3645, 0.3180,
0.3024

Harmonies

Analogous

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



62.9947, 0.3041, 0.3765



62.9947, 0.2742, 0.3492



62.9947, 0.2550, 0.3170

Triad

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



62.9947, 0.2742, 0.3492



62.9947, 0.2859, 0.2755



62.9947, 0.3789, 0.3628

Complementary

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



62.9947, 0.2742, 0.3492



39.3718, 0.3733, 0.3101

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.



62.9947, 0.3739, 0.3359



62.9947, 0.2742, 0.3492



62.9947, 0.3187, 0.2873

Square

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



62.9947, 0.2742, 0.3492



62.9947, 0.2615, 0.2762



62.9947, 0.3514, 0.3090



62.9947, 0.3651, 0.3827

Rectangle

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



62.9947, 0.2742, 0.3492



62.9947, 0.2503, 0.2982



62.9947, 0.3514, 0.3090



62.9947, 0.3794, 0.3542

Sweetspot

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



62.9972, 0.2742, 0.3492



95.1301, 0.3003, 0.3345



62.2788, 0.3191, 0.4248



20.2262, 0.2986, 0.3353



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.



62.9972, 0.2742, 0.3492



84.1717, 0.2675, 0.3541



53.3512, 0.2621, 0.3021



15.5189, 0.3010, 0.3341



32.8627, 0.2443, 0.3996



2.2906, 0.2409, 0.3874

Inverse Universe

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



39.3718, 0.3733, 0.3101



47.1402, 0.3920, 0.3061



46.0172, 0.3821, 0.3542



13.7488, 0.3258, 0.3239



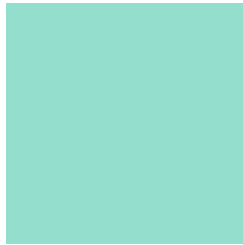
9.3646, 0.6022, 0.3091



0.6624, 0.5592, 0.2854

Previews

White Background



This preview shows how the Yxy color 62.9947, 0.2742, 0.3492 looks on a white background.

Color Contrast Check

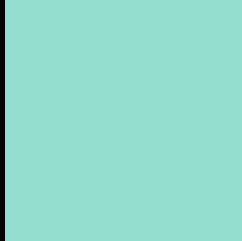
Large Text (above 18pt) WCAG AA × Fail

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 62.9947, 0.2742, 0.3492 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

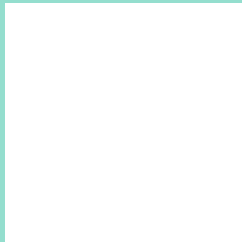
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9947, 0.2742, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 62.9947, 0.2742, 0.3492.

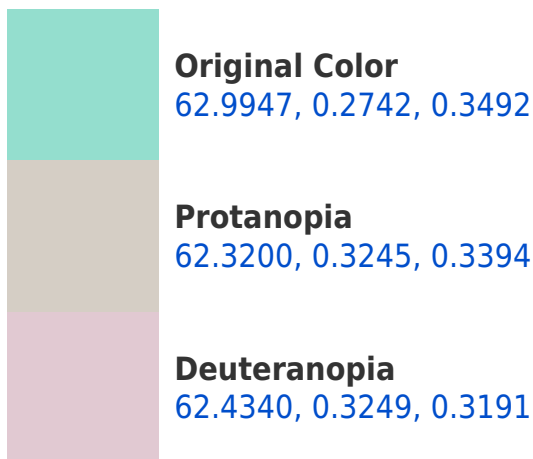


This preview shows how white text looks on a background with the Yxy color 62.9947, 0.2742, 0.3492.

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

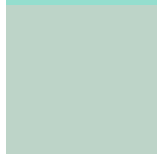
63.1095, 0.2618, 0.3084

Trichromacy



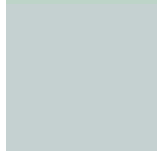
Original Color

62.9947, 0.2742, 0.3492



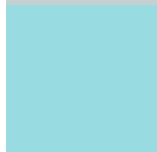
Protanomaly

62.0759, 0.3040, 0.3434



Deuteranomaly

62.0747, 0.3039, 0.3290



Tritanomaly

62.7203, 0.2662, 0.3227

Monochromacy



Original Color

62.9947, 0.2742, 0.3492



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

58.5460, 0.2969, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9947, 0.2742, 0.3492 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(148, 222, 206)` looks like.

```
.text, #text, p{  
    color:rgb(148, 222, 206)  
}
```

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(148, 222, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 222, 206) }
```

Border

The CSS property to change the border of an element to Yxy 62.9947, 0.2742, 0.3492 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(148, 222, 206) }
```

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

```
.border{ border-color:rgb(148, 222, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 222, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 222, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 222, 206);  
box-shadow:4px 4px 4px 4px rgb(148, 222,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9947, 0.2742, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 222, 206) }
```

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

```
.background{ background-color: rgb(148,  
222, 206) }
```

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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