

Converting Colors

$Yxy(62.6587, 0.2708, 0.3402)$

Have a look what the booklet for
Yxy(62.6587, 0.2708, 0.3402)
contains.

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Color

Yxy(62.7623, 0.2708, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	94DDD4
RGB	148, 221, 212
RGB Percent	58%, 87%, 83%
CMY	0.4194, 0.1333, 0.1686
CMYK	0.33, 0.00, 0.04, 0.13
HSL	173°, 52%, 72%
HSV	173°, 33%, 87%
XYZ	49.9589, 62.7623, 71.7652
YIQ	198.1470, -40.6190, -18.2750

Conversions

Conversions Part 2

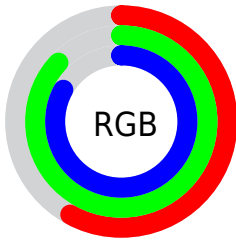
Format	Color
RYB	148, 187, 221
Decimal	9756116
CIELab	83.32, -24.57, -2.82
CIElCh	83, 24.735, 186.538
Yxy	62.7623, 0.2708, 0.3402
Android (android.graphics.Color)	4287946196 (0xFF94DDD4)
YUV	198.1470, 6.8295, -43.9789
Hunter-Lab	79.2227, -26.0750, 1.7470

Details

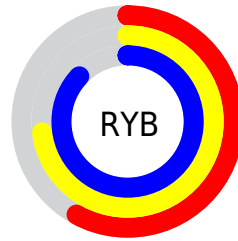
The Yxy color **62.7623, 0.2708, 0.3402** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.0037, 0.3796, 0.3184**, and the grayscale version is **56.5497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5774, 0.2827, 0.3289**, and **32.0864, 0.2610, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **60.7596, 0.2605, 0.3441**, and if you desaturate by 10%, it is **65.1658, 0.2824, 0.3365**.

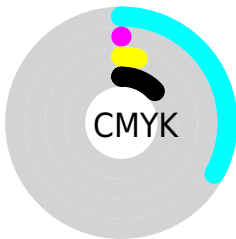
Distribution



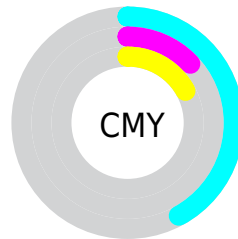
- Red (58%)
- Green (87%)
- Blue (83%)



- Red (58%)
- Yellow (73%)
- Blue (87%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)




- Cyan (42%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7623, 0.2708, 0.3402 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 62.7623, 0.2708, 0.3402 by changing the saturation by 10% instead.


 62.7623, 0.2708,
0.3402


 62.7623, 0.2708,
0.3402

434.7063, 0.2906,
0.3351

 45.6489, 0.2662,
0.3414


 108.8265, 0.2777,
0.3384

 31.9689, 0.2605,
0.3428


 138.5462, 0.2804,
0.3377

 21.3377, 0.2531,
0.3445


173.2367, 0.2827,
0.3371

 13.3711, 0.2434,
0.3468

213.2825, 0.2847,
0.3366

 7.6846, 0.2300,
0.3499

259.0679, 0.2864,
0.3362

 3.8938, 0.2103,
0.3541

310.9775, 0.2880,

 1.6143, 0.1787,

0.3358

369.3955, 0.2893,
0.3354

0.3600

0.3672, 0.0000,
0.3809

0.0000, 0.0000,
0.0000

62.7623, 0.2708,
0.3402

62.7623, 0.2708,
0.3402

60.7596, 0.2605,
0.3441

65.1658, 0.2824,
0.3365

59.1277, 0.2518,
0.3483

67.9832, 0.2951,
0.3331

57.8444, 0.2449,
0.3525

71.2364, 0.3086,
0.3299

56.8820, 0.2400,
0.3568

74.9433, 0.3225,
0.3270

■ 56.2085, 0.2369,
0.3612

■ 78.4414, 0.3341,
0.3244

■ 55.7852, 0.2357,
0.3655

■ 78.5920, 0.3322,
0.3217

■ 55.5937, 0.2357,
0.3684

■ 78.7450, 0.3303,
0.3190

■ 78.9003, 0.3284,
0.3163

■ 79.0581, 0.3266,
0.3136

Harmonies

Analogous

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



62.7623, 0.2969, 0.3678



62.7623, 0.2708, 0.3402



62.7623, 0.2560, 0.3107

Triad

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



62.7623, 0.2708, 0.3402



62.7623, 0.2950, 0.2805



62.7623, 0.3730, 0.3665

Complementary

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



62.7623, 0.2708, 0.3402



39.0037, 0.3796, 0.3184

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.



62.7623, 0.3729, 0.3424



62.7623, 0.2708, 0.3402



62.7623, 0.3266, 0.2943

Square

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



62.7623, 0.2708, 0.3402



62.7623, 0.2695, 0.2780



62.7623, 0.3556, 0.3165



62.7623, 0.3562, 0.3823

Rectangle

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



62.7623, 0.2708, 0.3402



62.7623, 0.2541, 0.2946



62.7623, 0.3556, 0.3165



62.7623, 0.3750, 0.3591

Sweetspot

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



62.7648, 0.2708, 0.3402



95.2794, 0.2990, 0.3321



61.0971, 0.3147, 0.4249



20.2625, 0.2971, 0.3326



0.0000, 0.0000, 0.0000



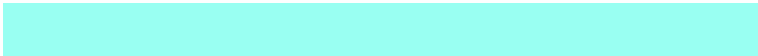
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7648, 0.2708, 0.3402



84.7281, 0.2631, 0.3431



50.2159, 0.2616, 0.2944



14.8005, 0.2999, 0.3319



32.3080, 0.2355, 0.3678



2.1010, 0.2336, 0.3608

Inverse Universe

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



39.0037, 0.3796, 0.3184



46.7804, 0.4018, 0.3160



48.0927, 0.3788, 0.3610



13.0775, 0.3272, 0.3261



8.9855, 0.6238, 0.3210



0.5909, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 62.7623, 0.2708, 0.3402 looks on a white background.

Color Contrast Check

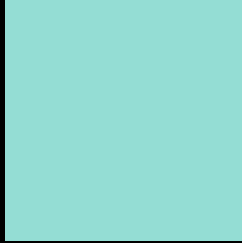
Large Text (above 18pt) WCAG AA × Fail

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 62.7623, 0.2708, 0.3402 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

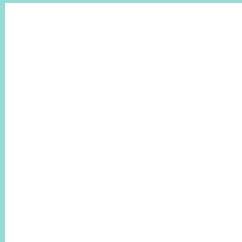
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.7623, 0.2708, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 62.7623, 0.2708, 0.3402.



This preview shows how white text looks on a background with the Yxy color 62.7623, 0.2708, 0.3402.

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

62.7623, 0.2708, 0.3402

Protanopia

62.3033, 0.3187, 0.3325

Deuteranopia

62.2608, 0.3181, 0.3124



Tritanopia

62.9133, 0.2607, 0.3083

Trichromacy



Original Color

62.7623, 0.2708, 0.3402



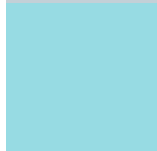
Protanomaly

61.7361, 0.2994, 0.3350



Deuteranomaly

61.6201, 0.2984, 0.3208



Tritanomaly

62.7884, 0.2640, 0.3190

Monochromacy



Original Color

62.7623, 0.2708, 0.3402



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

58.1577, 0.2956, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7623, 0.2708, 0.3402 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, 221, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 221, 212)  
}
```

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, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 221, 212) }
```

Border

The CSS property to change the border of an element to Yxy 62.7623, 0.2708, 0.3402 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, 221, 212) }
```

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

```
.border{ border-color:rgb(148, 221, 212) }
```

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

Here you see how a box with a 4 pixel rgb(148, 221, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 221,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7623, 0.2708, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 221, 212) }
```

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

```
.background{ background-color: rgb(148,  
221, 212) }
```

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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