

Converting Colors

$Yxy(58.2825, 0.2737, 0.3484)$

Have a look what the booklet for
Yxy(58.2825, 0.2737, 0.3484)
contains.

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Color

Yxy(58.1029, 0.2737, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	8FD6C8
RGB	143, 214, 200
RGB Percent	56%, 84%, 78%
CMY	0.4391, 0.1608, 0.2157
CMYK	0.33, 0.00, 0.07, 0.16
HSL	168°, 46%, 70%
HSV	168°, 33%, 84%
XYZ	45.8029, 58.1029, 63.4413
YIQ	191.1750, -37.8220, -19.4060

Conversions

Conversions Part 2

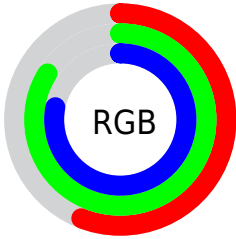
Format	Color
RYB	143, 182, 214
Decimal	9426632
CIELab	80.80, -25.22, -0.16
CIELCh	81, 25.223, 180.353
Yxy	58.1029, 0.2737, 0.3472
Android (android.graphics.Color)	4287616712 (0xFF8FD6C8)
YUV	191.1750, 4.3507, -42.2495
Hunter-Lab	76.2253, -26.1356, 4.0114

Details

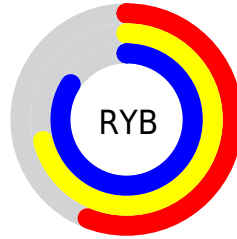
The Yxy color **58.1029, 0.2737, 0.3472** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3861, 0.3741, 0.3119**, and the grayscale version is **52.2026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8821, 0.2800, 0.3289**, and **28.9954, 0.2636, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **56.1788, 0.2641, 0.3536**, and if you desaturate by 10%, it is **60.4015, 0.2845, 0.3412**.

Distribution



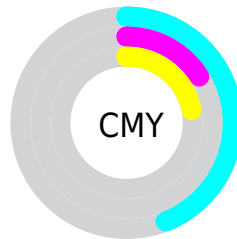
- Red (56%)
- Green (84%)
- Blue (78%)



- Red (56%)
- Yellow (71%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)





- Cyan (44%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1029, 0.2737, 0.3472 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 58.1029, 0.2737, 0.3472 by changing the saturation by 10% instead.


 58.1029, 0.2737,
0.3472

 58.1029, 0.2737,
0.3472


417.5693, 0.2924,
0.3385

 41.8914, 0.2693,
0.3493


 102.0727, 0.2803,
0.3441

 29.0162, 0.2637,
0.3519


 130.5997, 0.2829,
0.3429

 19.0931, 0.2564,
0.3552


164.0008, 0.2850,
0.3419

 11.7376, 0.2467,
0.3597

202.6602, 0.2869,
0.3411

 6.5653, 0.2331,
0.3661

246.9623, 0.2886,
0.3403

 3.1917, 0.2123,
0.3756

297.2916, 0.2900,

 1.2326, 0.1674,

0.3396

0.3965

354.0325, 0.2913,
0.3390

0.0881, 0.0000,
0.4520

0.0000, 0.0000,
0.0000

58.1029, 0.2737,
0.3472

58.1029, 0.2737,
0.3472

56.1788, 0.2641,
0.3536

60.4015, 0.2845,
0.3412

54.6013, 0.2561,
0.3604


63.0867, 0.2963,
0.3356


53.3498, 0.2497,
0.3674


66.1787, 0.3087,
0.3305

52.3987, 0.2453,
0.3746

69.6942, 0.3215,
0.3259


 51.7184, 0.2429,
0.3818

 73.6489, 0.3345,
0.3218


 51.2731, 0.2423,
0.3890

 74.8071, 0.3352,
0.3177

 51.0626, 0.2427,
0.3939

 75.0409, 0.3321,
0.3135

 75.2805, 0.3292,
0.3093

 75.5258, 0.3262,
0.3052

Harmonies

Analogous

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



58.1029, 0.3027, 0.3744



58.1029, 0.2737, 0.3472



58.1029, 0.2555, 0.3157

Triad

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



58.1029, 0.2737, 0.3472



58.1029, 0.2879, 0.2768



58.1029, 0.3773, 0.3634

Complementary

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



58.1029, 0.2737, 0.3472



36.3861, 0.3741, 0.3119

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.



58.1029, 0.3734, 0.3373



58.1029, 0.2737, 0.3472



58.1029, 0.3203, 0.2890

Square

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



58.1029, 0.2737, 0.3472



58.1029, 0.2634, 0.2768



58.1029, 0.3521, 0.3106



58.1029, 0.3630, 0.3823

Rectangle

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



58.1029, 0.2737, 0.3472



58.1029, 0.2514, 0.2977



58.1029, 0.3521, 0.3106



58.1029, 0.3781, 0.3551

Sweetspot

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



58.1052, 0.2737, 0.3472



95.1605, 0.3000, 0.3340



57.2677, 0.3182, 0.4242



20.2335, 0.2983, 0.3347



0.0000, 0.0000, 0.0000



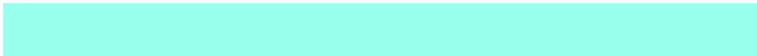
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1052, 0.2737, 0.3472



84.2832, 0.2666, 0.3518



48.7090, 0.2623, 0.3007



14.0639, 0.3009, 0.3336



30.8793, 0.2424, 0.3928



1.8735, 0.2390, 0.3804

Inverse Universe

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



36.3861, 0.3741, 0.3119



47.0645, 0.3940, 0.3081



42.9466, 0.3809, 0.3554



12.4605, 0.3260, 0.3244



8.7549, 0.6070, 0.3117



0.5399, 0.5592, 0.2854

Previews

White Background



This preview shows how the Yxy color 58.1029, 0.2737, 0.3472 looks on a white background.

Color Contrast Check

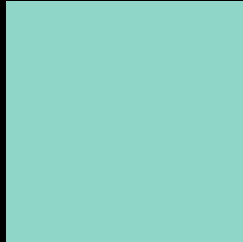
Large Text (above 18pt) WCAG AA × Fail

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 58.1029, 0.2737, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

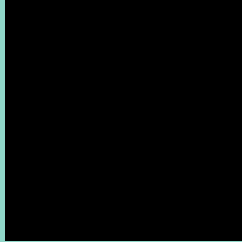
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

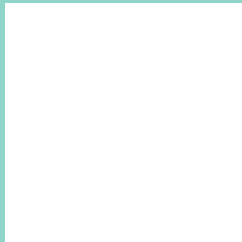
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1029, 0.2737, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 58.1029, 0.2737, 0.3472.

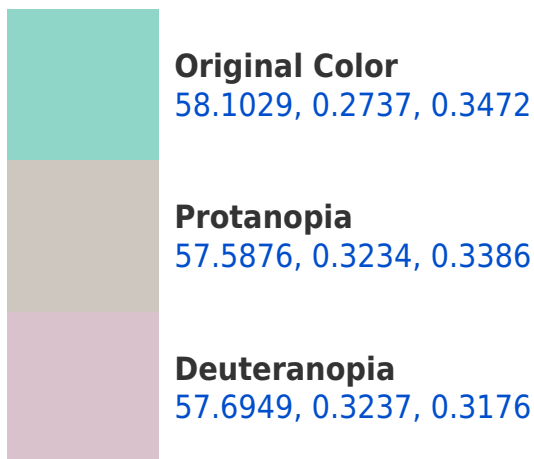


This preview shows how white text looks on a background with the Yxy color 58.1029, 0.2737, 0.3472.

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

58.0288, 0.2614, 0.3077

Trichromacy



Original Color

58.1029, 0.2737, 0.3472



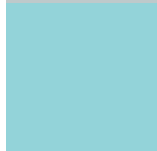
Protanomaly

57.0259, 0.3031, 0.3414



Deuteranomaly

57.0322, 0.3029, 0.3265



Tritanomaly

57.8013, 0.2659, 0.3212

Monochromacy



Original Color

58.1029, 0.2737, 0.3472



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

53.7406, 0.2971, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1029, 0.2737, 0.3472 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(143, 214, 200)` looks like.

```
.text, #text, p{  
    color:rgb(143, 214, 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(143, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 214, 200) }
```

Border

The CSS property to change the border of an element to Yxy 58.1029, 0.2737, 0.3472 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(143, 214, 200) }
```

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

```
.border{ border-color:rgb(143, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(143, 214,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1029, 0.2737, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 214, 200) }
```

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

```
.background{ background-color: rgb(143,  
214, 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](#).

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