

Converting Colors

$Yxy(57.2412, 0.2729, 0.3487)$

Have a look what the booklet for
Yxy(57.2412, 0.2729, 0.3487)
contains.

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Color

Yxy(57.2412, 0.2729, 0.3487)

Conversions

Conversions Part 1

Format	Color
Hex	8CD5C6
RGB	140, 213, 198
RGB Percent	55%, 84%, 78%
CMY	0.4511, 0.1647, 0.2235
CMYK	0.34, 0.00, 0.07, 0.16
HSL	168°, 47%, 69%
HSV	168°, 34%, 84%
XYZ	44.7982, 57.2412, 62.1166
YIQ	189.4630, -38.6930, -20.1410

Conversions

Conversions Part 2

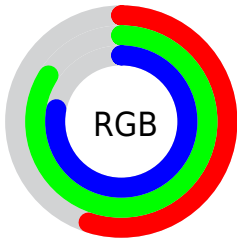
Format	Color
RYB	140, 181, 213
Decimal	9229766
CIELab	80.32, -26.04, 0.19
CIELCh	80, 26.037, 179.590
Yxy	57.2412, 0.2729, 0.3487
Android (android.graphics.Color)	4287419846 (0xFF8CD5C6)
YUV	189.4630, 4.2087, -43.3791
Hunter-Lab	75.6579, -26.7088, 4.2823

Details

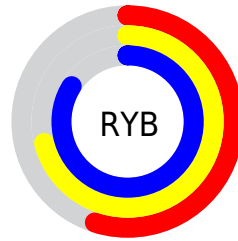
The Yxy color **57.2412, 0.2729, 0.3487** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.2588, 0.3763, 0.3105**, and the grayscale version is **51.1569, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4758, 0.2784, 0.3289**, and **28.4458, 0.2627, 0.3542** is the 20% darker color. If you saturate the color by 10%, you get **55.3703, 0.2636, 0.3555**, and if you desaturate by 10%, it is **59.4807, 0.2835, 0.3424**.

Distribution



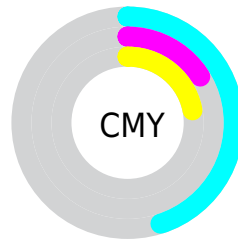
- Red (55%)
- Green (84%)
- Blue (78%)



- Red (55%)
- Yellow (71%)
- Blue (84%)



- Cyan (34%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)




- Cyan (45%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2412, 0.2729, 0.3487 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 57.2412, 0.2729, 0.3487 by changing the saturation by 10% instead.

 57.2412, 0.2729,
0.3487


 57.2412, 0.2729,
0.3487


414.3525, 0.2921,
0.3392

 41.1989, 0.2683,
0.3510

 100.8170, 0.2797,
0.3453

 28.4746, 0.2626,
0.3538


 129.1194, 0.2823,
0.3440

 18.6837, 0.2551,
0.3575


162.2772, 0.2845,
0.3429

 11.4419, 0.2451,
0.3625

200.6750, 0.2864,
0.3420

 6.3649, 0.2309,
0.3695

244.6970, 0.2881,
0.3412

 3.0682, 0.2094,
0.3803

294.7276, 0.2896,

 1.1675, 0.1566,

0.3404

0.4064

351.1513, 0.2909,
0.3398

0.0349, 0.0000,
0.5828

0.0000, 0.0000,
0.0000

57.2412, 0.2729,
0.3487

57.2412, 0.2729,
0.3487

55.3703, 0.2636,
0.3555

59.4807, 0.2835,
0.3424

53.8402, 0.2557,
0.3626

62.1009, 0.2951,
0.3365


52.6304, 0.2497,
0.3699

65.1221, 0.3073,
0.3311

51.7151, 0.2456,
0.3774


68.5607, 0.3200,
0.3263

 51.0644, 0.2434,
0.3850

 72.4326, 0.3328,
0.3220


 50.6421, 0.2431,
0.3924

 74.2495, 0.3361,
0.3177

 50.4679, 0.2435,
0.3967

 74.4903, 0.3329,
0.3134

 74.7373, 0.3298,
0.3091

 74.9905, 0.3267,
0.3048

Harmonies

Analogous

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



57.2412, 0.3031, 0.3768



57.2412, 0.2729, 0.3487



57.2412, 0.2538, 0.3159

Triad

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



57.2412, 0.2729, 0.3487



57.2412, 0.2862, 0.2748



57.2412, 0.3799, 0.3639

Complementary

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



57.2412, 0.2729, 0.3487



35.2588, 0.3763, 0.3105

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.



57.2412, 0.3753, 0.3367



57.2412, 0.2729, 0.3487



57.2412, 0.3197, 0.2872

Square

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



57.2412, 0.2729, 0.3487



57.2412, 0.2611, 0.2751



57.2412, 0.3528, 0.3093



57.2412, 0.3654, 0.3839

Rectangle

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



57.2412, 0.2729, 0.3487



57.2412, 0.2493, 0.2971



57.2412, 0.3528, 0.3093



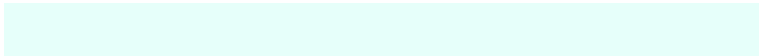
57.2412, 0.3806, 0.3553

Sweetspot

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



57.2435, 0.2729, 0.3487



95.1476, 0.3001, 0.3342



56.5331, 0.3192, 0.4276



20.2304, 0.2984, 0.3350



0.0000, 0.0000, 0.0000



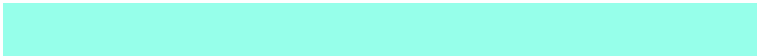
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2435, 0.2729, 0.3487



83.9601, 0.2661, 0.3535



48.2142, 0.2608, 0.3013



14.0621, 0.3010, 0.3338



30.8399, 0.2432, 0.3956



1.8714, 0.2396, 0.3827

Inverse Universe

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



35.2588, 0.3763, 0.3105



46.1923, 0.3961, 0.3067



41.4113, 0.3844, 0.3549



12.4621, 0.3259, 0.3242



8.7630, 0.6048, 0.3105



0.5407, 0.5564, 0.2839

Previews

White Background



This preview shows how the Yxy color 57.2412, 0.2729, 0.3487 looks on a white background.

Color Contrast Check

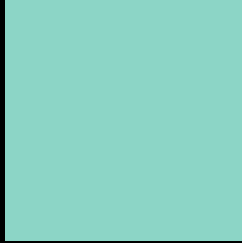
Large Text (above 18pt) WCAG AA × Fail

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 57.2412, 0.2729, 0.3487 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

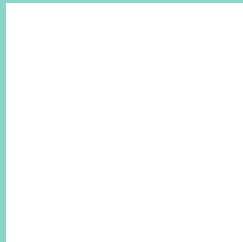
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2412, 0.2729, 0.3487

Background



This preview shows how black text looks on a background with the Yxy color 57.2412, 0.2729, 0.3487.

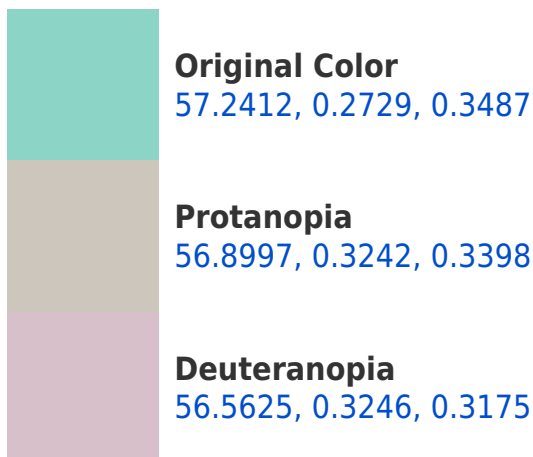


This preview shows how white text looks on a background with the Yxy color 57.2412, 0.2729, 0.3487.

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

57.2029, 0.2601, 0.3075

Trichromacy



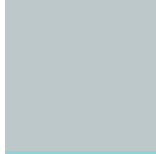
Original Color

57.2412, 0.2729, 0.3487



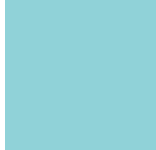
Protanomaly

56.3414, 0.3037, 0.3427



Deuteranomaly

56.2170, 0.3028, 0.3277



Tritanomaly

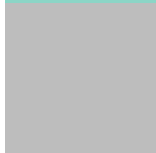
56.9803, 0.2646, 0.3212

Monochromacy



Original Color

57.2412, 0.2729, 0.3487



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.8519, 0.2962, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2412, 0.2729, 0.3487 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(140, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(140, 213, 198)  
}
```

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(140, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 213, 198) }
```

Border

The CSS property to change the border of an element to Yxy 57.2412, 0.2729, 0.3487 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(140, 213, 198) }
```

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

```
.border{ border-color:rgb(140, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(140, 213,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2412, 0.2729, 0.3487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 213, 198) }
```

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

```
.background{ background-color: rgb(140,  
213, 198) }
```

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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