

Converting Colors

$Yxy(56.4755, 0.2830, 0.3626)$

Have a look what the booklet for
Yxy(56.4755, 0.2830, 0.3626)
contains.

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Color

Yxy(56.6519, 0.2829, 0.3636)

Conversions

Conversions Part 1

Format	Color
Hex	91D4BA
RGB	145, 212, 186
RGB Percent	57%, 83%, 73%
CMY	0.4316, 0.1686, 0.2705
CMYK	0.32, 0.00, 0.12, 0.17
HSL	157°, 44%, 70%
HSV	157°, 32%, 83%
XYZ	44.0782, 56.6519, 55.0782
YIQ	189.0030, -31.5860, -22.2900

Conversions

Conversions Part 2

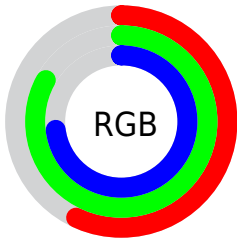
Format	Color
RYB	145, 187, 212
Decimal	9557178
CIELab	79.98, -26.70, 6.13
CIElCh	80, 27.398, 167.067
Yxy	56.6519, 0.2829, 0.3636
Android (android.graphics.Color)	4287747258 (0xFF91D4BA)
YUV	189.0030, -1.4805, -38.5906
Hunter-Lab	75.2675, -27.1848, 9.3008

Details

The Yxy color **56.6519, 0.2829, 0.3636** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.1714, 0.3566, 0.2971**, and the grayscale version is **50.9086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3483, 0.2878, 0.3427**, and **28.0827, 0.2749, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **54.5659, 0.2750, 0.3767**, and if you desaturate by 10%, it is **59.1220, 0.2917, 0.3515**.

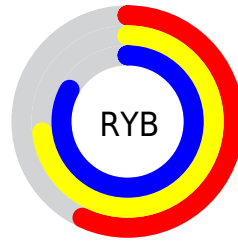
Distribution



Red (57%)

Green (83%)

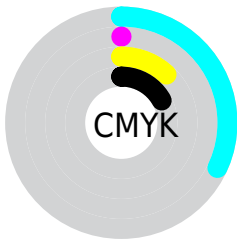
Blue (73%)



Red (57%)

Yellow (73%)

Blue (83%)

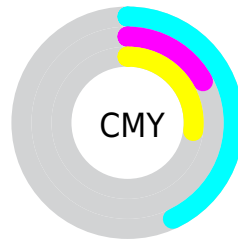


Cyan (32%)

Magenta (0%)

Yellow (12%)

Black (17%)



Cyan (43%)


Magenta (17%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6519, 0.2829, 0.3636 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 56.6519, 0.2829, 0.3636 by changing the saturation by 10% instead.


 56.6519, 0.2829,
0.3636


 56.6519, 0.2829,
0.3636


412.1436, 0.2975,
0.3465

 40.7258, 0.2794,
0.3678


 99.9571, 0.2881,
0.3574

 28.1049, 0.2748,
0.3732


 128.1050, 0.2901,
0.3551

 18.4048, 0.2689,
0.3803


161.0956, 0.2918,
0.3531

 11.2410, 0.2609,
0.3902

199.3134, 0.2933,
0.3514

 6.2292, 0.2492,
0.4047

243.1427, 0.2945,
0.3499

 2.9849, 0.2308,
0.4281

292.9679, 0.2956,

 1.1239, 0.1735,

0.3486

0.4892

349.1734, 0.2966,
0.3475

0.0000, 0.0000,
0.0000

56.6519, 0.2829,
0.3636

56.6519, 0.2829,
0.3636

54.5659, 0.2750,
0.3767

59.1220, 0.2917,
0.3515

52.8367, 0.2684,
0.3906

61.9879, 0.3012,
0.3405

51.4441, 0.2634,
0.4053


65.2697, 0.3111,
0.3305

50.3634, 0.2602,
0.4203

68.9836, 0.3211,
0.3216

49.5659, 0.2590,
0.4354


73.1454, 0.3311,
0.3137


 49.0175, 0.2599,
0.4504

 74.3697, 0.3283,
0.3058

 48.7009, 0.2618,
0.4626

 74.8565, 0.3225,
0.2979

 75.3655, 0.3169,
0.2901

 75.5731, 0.3147,
0.2871

Harmonies

Analogous

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



56.6519, 0.3175, 0.3877



56.6519, 0.2829, 0.3636



56.6519, 0.2572, 0.3293

Triad

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



56.6519, 0.2829, 0.3636



56.6519, 0.2722, 0.2703



56.6519, 0.3842, 0.3541

Complementary

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



56.6519, 0.2829, 0.3636



37.1714, 0.3566, 0.2971

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.



56.6519, 0.3709, 0.3246



56.6519, 0.2829, 0.3636



56.6519, 0.3047, 0.2781

Square

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



56.6519, 0.2829, 0.3636



56.6519, 0.2514, 0.2767



56.6519, 0.3412, 0.2975



56.6519, 0.3769, 0.3794

Rectangle

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



56.6519, 0.2829, 0.3636



56.6519, 0.2480, 0.3071



56.6519, 0.3412, 0.2975



56.6519, 0.3820, 0.3444

Sweetspot

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



56.6542, 0.2829, 0.3636



95.3445, 0.3037, 0.3378



57.8808, 0.3281, 0.4163



20.2573, 0.3023, 0.3394



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.



56.6542, 0.2829, 0.3636



83.8324, 0.2774, 0.3724



54.5781, 0.2667, 0.3202



14.0225, 0.3034, 0.3382



30.0818, 0.2613, 0.4605



1.8304, 0.2542, 0.4351

Inverse Universe

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



37.1714, 0.3566, 0.2971



49.7175, 0.3699, 0.2901



38.3859, 0.3820, 0.3376



12.4997, 0.3231, 0.3200



9.0369, 0.5415, 0.2757



0.5610, 0.4950, 0.2501

Previews

White Background



This preview shows how the Yxy color 56.6519, 0.2829, 0.3636 looks on a white background.

Color Contrast Check

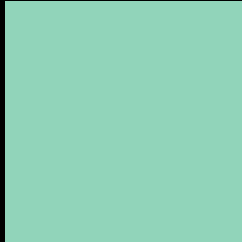
Large Text (above 18pt) WCAG AA × Fail

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 56.6519, 0.2829, 0.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

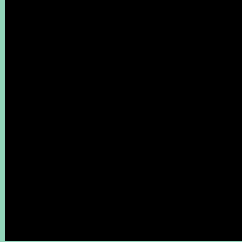
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

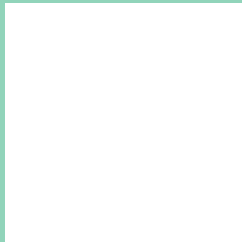
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.6519, 0.2829, 0.3636

Background



This preview shows how black text looks on a background with the Yxy color 56.6519, 0.2829, 0.3636.



This preview shows how white text looks on a background with the Yxy color 56.6519, 0.2829, 0.3636.

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

56.6519, 0.2829, 0.3636

Protanopia

56.2687, 0.3343, 0.3519

Deuteranopia

56.0394, 0.3367, 0.3302



Tritanopia

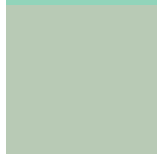
56.7257, 0.2655, 0.3088

Trichromacy



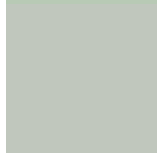
Original Color

56.6519, 0.2829, 0.3636



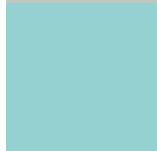
Protanomaly

55.7676, 0.3138, 0.3555



Deuteranomaly

55.7274, 0.3145, 0.3413



Tritanomaly

56.7381, 0.2714, 0.3276

Monochromacy



Original Color

56.6519, 0.2829, 0.3636



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

52.4476, 0.3005, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6519, 0.2829, 0.3636 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(145, 212, 186)` looks like.

```
.text, #text, p{  
    color:rgb(145, 212, 186)  
}
```

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(145, 212, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 212, 186) }
```

Border

The CSS property to change the border of an element to Yxy 56.6519, 0.2829, 0.3636 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(145, 212, 186) }
```

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

```
.border{ border-color:rgb(145, 212, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 212, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 212, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 212, 186);  
box-shadow:4px 4px 4px 4px rgb(145, 212,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6519, 0.2829, 0.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 212, 186) }
```

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

```
.background{ background-color: rgb(145,  
212, 186) }
```

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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