

Converting Colors

$Yxy(45.3154, 0.2879, 0.3286)$

Have a look what the booklet for
Yxy(45.3154, 0.2879, 0.3286)
contains.

Yxy(45.2117, 0.2878, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.2117, 0.2878, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	9BB9BA
RGB	155, 185, 186
RGB Percent	61%, 73%, 73%
CMY	0.3924, 0.2744, 0.2706
CMYK	0.17, 0.01, 0.00, 0.27
HSL	182°, 18%, 67%
HSV	182°, 17%, 73%
XYZ	39.7189, 45.2117, 53.0782
YIQ	176.1440, -18.2010, -6.0490

Conversions

Conversions Part 2

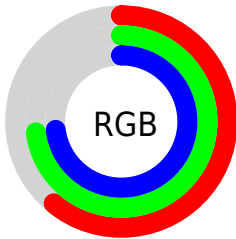
Format	Color
RYB	155, 170, 186
Decimal	10205626
CIELab	73.03, -9.94, -3.90
CIELCh	73, 10.678, 201.433
Yxy	45.2117, 0.2878, 0.3276
Android (android.graphics.Color)	4288395706 (0xFF9BB9BA)
YUV	176.1440, 4.8590, -18.5433
Hunter-Lab	67.2396, -12.2281, 0.2649

Details

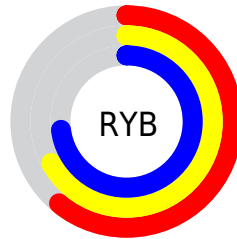
The Yxy color **45.2117, 0.2878, 0.3276** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.5455, 0.3438, 0.3304**, and the grayscale version is **43.4713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0230, 0.2925, 0.3279**, and **21.0795, 0.2804, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **43.2728, 0.2741, 0.3267**, and if you desaturate by 10%, it is **47.4387, 0.3025, 0.3285**.

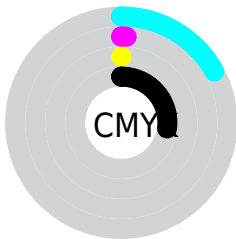
Distribution



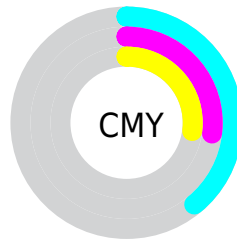
- Red (61%)
- Green (73%)
- Blue (73%)



- Red (61%)
- Yellow (67%)
- Blue (73%)



- Cyan (17%)
- Magenta (1%)
- Yellow (0%)
- Black (27%)





- Cyan (39%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2117, 0.2878, 0.3276 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 45.2117, 0.2878, 0.3276 by changing the saturation by 10% instead.


 45.2117, 0.2878,
0.3276

 45.2117, 0.2878,
0.3276

367.6303, 0.3002,
0.3284

 31.6242, 0.2847,
0.3274


 83.0380, 0.2923,
0.3279

 21.0746, 0.2807,
0.3270


 108.0456, 0.2940,
0.3280

 13.1786, 0.2754,
0.3266


137.6287, 0.2955,
0.3281

 7.5516, 0.2680,
0.3258

172.1717, 0.2967,
0.3282

 3.8094, 0.2570,
0.3246

212.0589, 0.2978,
0.3283

 1.5675, 0.2388,
0.3220

257.6748, 0.2987,

 0.3356, 0.0727,

0.3283

0.3196

309.4038, 0.2995,
0.3284

0.0000, 0.0000,
0.0000

45.2117, 0.2878,
0.3276

45.2117, 0.2878,
0.3276

43.2728, 0.2741,
0.3267

47.4387, 0.3025,
0.3285

41.6035, 0.2616,
0.3257

49.9603, 0.3178,
0.3293

40.1916, 0.2506,
0.3247

52.7897, 0.3336,
0.3300

39.0221, 0.2413,
0.3237

55.9378, 0.3494,
0.3306

38.0781, 0.2339,
0.3226

59.4148, 0.3652,
0.3312

■ 37.3407, 0.2283,
0.3216

■ 60.9780, 0.3710,
0.3318

■ 36.7878, 0.2246,
0.3206

■ 61.2260, 0.3709,
0.3324

■ 36.3898, 0.2226,
0.3196

■ 61.4749, 0.3707,
0.3330

■ 36.2729, 0.2220,
0.3193

■ 61.7248, 0.3705,
0.3336

Harmonies

Analogous

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



45.2117, 0.2984, 0.3414



45.2117, 0.2878, 0.3276



45.2117, 0.2838, 0.3146

Triad

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



45.2117, 0.2878, 0.3276



45.2117, 0.3119, 0.3076



45.2117, 0.3387, 0.3519

Complementary

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



45.2117, 0.2878, 0.3276



36.5455, 0.3438, 0.3304

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.



45.2117, 0.3426, 0.3423



45.2117, 0.2878, 0.3276



45.2117, 0.3269, 0.3170

Square

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



45.2117, 0.2878, 0.3276



45.2117, 0.2974, 0.3036



45.2117, 0.3382, 0.3296



45.2117, 0.3277, 0.3556

Rectangle

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



45.2117, 0.2878, 0.3276



45.2117, 0.2853, 0.3082



45.2117, 0.3382, 0.3296



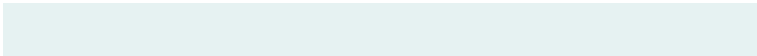
45.2117, 0.3409, 0.3493

Sweetspot

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



45.2136, 0.2878, 0.3276



86.7009, 0.3049, 0.3286



44.4555, 0.3102, 0.3726



19.0251, 0.3039, 0.3285



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



45.2136, 0.2878, 0.3276



80.6293, 0.2827, 0.3273



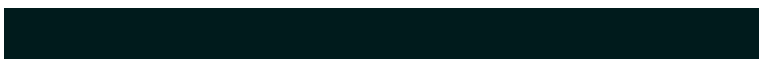
39.2353, 0.2869, 0.3064



10.1615, 0.2985, 0.3282



24.4292, 0.2221, 0.3194



0.8762, 0.2228, 0.3220

Inverse Universe

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



37.3629, 0.3155, 0.2895



63.7518, 0.3161, 0.2807



41.9194, 0.3405, 0.3506



9.1578, 0.3142, 0.3072



9.2485, 0.3287, 0.1584



0.3275, 0.3265, 0.1573

Previews

White Background



This preview shows how the Yxy color 45.2117, 0.2878, 0.3276 looks on a white background.

Color Contrast Check

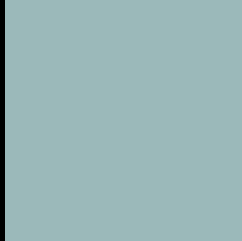
Large Text (above 18pt) WCAG AA × Fail

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 45.2117, 0.2878, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

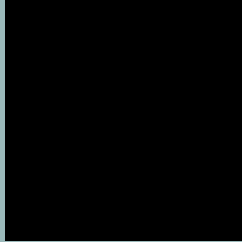
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

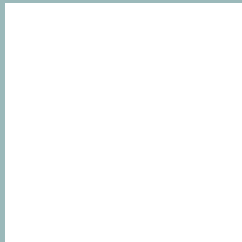
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2117, 0.2878, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 45.2117, 0.2878, 0.3276.



This preview shows how white text looks on a background with the Yxy color 45.2117, 0.2878, 0.3276.

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

45.2117, 0.2878, 0.3276

Protanopia

45.0419, 0.3121, 0.3238

Deuteranopia

45.1094, 0.3171, 0.3113



Tritanopia

45.1123, 0.2808, 0.3087

Trichromacy



Original Color

45.2117, 0.2878, 0.3276

Protanomaly

45.2373, 0.3036, 0.3263

Deuteranomaly

45.0124, 0.3064, 0.3172

Tritanomaly

45.2439, 0.2829, 0.3154

Monochromacy



Original Color

45.2117, 0.2878, 0.3276

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.8603, 0.3026, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2117, 0.2878, 0.3276 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(155, 185, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 185, 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(155, 185, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 185, 186) }
```

Border

The CSS property to change the border of an element to Yxy 45.2117, 0.2878, 0.3276 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(155, 185, 186) }
```

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

```
.border{ border-color:rgb(155, 185, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 185, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 185, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 185, 186);  
box-shadow:4px 4px 4px 4px rgb(155, 185,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2117, 0.2878, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 185, 186) }
```

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

```
.background{ background-color: rgb(155,  
185, 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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