

Converting Colors

$Y_{xy}(45.6488, 0.2859, 0.3255)$

Have a look what the booklet for
Yxy(45.6488, 0.2859, 0.3255)
contains.

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Color

Yxy(45.7172, 0.2865, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	9BBABC
RGB	155, 186, 188
RGB Percent	61%, 73%, 74%
CMY	0.3921, 0.2706, 0.2628
CMYK	0.18, 0.01, 0.00, 0.26
HSL	184°, 20%, 67%
HSV	184°, 18%, 74%
XYZ	40.1532, 45.7172, 54.2804
YIQ	176.9590, -19.1180, -5.9500

Conversions

Conversions Part 2

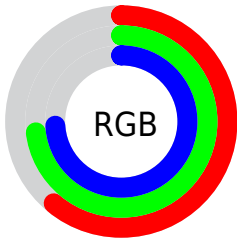
Format	Color
RYB	155, 171, 188
Decimal	10205884
CIELab	73.36, -10.01, -4.51
CIELCh	73, 10.977, 204.267
Yxy	45.7172, 0.2865, 0.3262
Android (android.graphics.Color)	4288395964 (0xFF9BBABC)
YUV	176.9590, 5.4432, -19.2580
Hunter-Lab	67.6145, -12.3222, -0.2674

Details

The Yxy color $45.7172, 0.2865, 0.3262$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $37.1689, 0.3455, 0.3318$, and the grayscale version is $43.9232, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.7376, 0.2914, 0.3268$, and $21.4079, 0.2787, 0.3251$ is the 20% darker color. If you saturate the color by 10%, you get $43.5258, 0.2727, 0.3244$, and if you desaturate by 10%, it is $48.2058, 0.3012, 0.3278$.

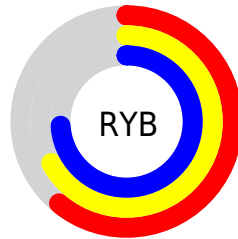
Distribution



Red (61%)

Green (73%)

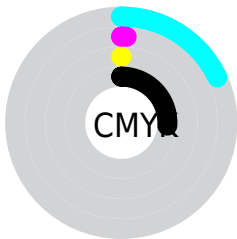
Blue (74%)



Red (61%)

Yellow (67%)

Blue (74%)

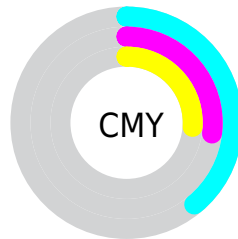


Cyan (18%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (39%)


Magenta (27%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7172, 0.2865, 0.3262 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 45.7172, 0.2865, 0.3262 by changing the saturation by 10% instead.


 45.7172, 0.2865,
0.3262


 45.7172, 0.2865,
0.3262


369.6705, 0.2996,
0.3277

 32.0227, 0.2833,
0.3258


 83.7956, 0.2912,
0.3268

 21.3789, 0.2791,
0.3252

 108.9483, 0.2930,
0.3270

 13.4012, 0.2736,
0.3244


138.6892, 0.2945,
0.3272

 7.7054, 0.2659,
0.3232

173.4027, 0.2958,
0.3273

 3.9070, 0.2544,
0.3213

213.4732, 0.2969,
0.3275

 1.6217, 0.2357,
0.3176

259.2851, 0.2979,

 0.3722, 0.0910,

0.3276

0.3096

311.2227, 0.2988,
0.3277

0.0000, 0.0000,
0.0000

45.7172, 0.2865,
0.3262

45.7172, 0.2865,
0.3262

43.5258, 0.2727,
0.3244

48.2058, 0.3012,
0.3278

41.6124, 0.2601,
0.3226

50.9983, 0.3165,
0.3294

39.9647, 0.2489,
0.3206

54.1085, 0.3322,
0.3307

38.5668, 0.2395,
0.3186

57.5475, 0.3479,
0.3320

37.4014, 0.2318,
0.3166

61.3258, 0.3634,
0.3331

■ 36.4488, 0.2261,
0.3145

■ 62.9445, 0.3682,
0.3342

■ 35.6859, 0.2222,
0.3125

■ 63.4470, 0.3678,
0.3354

■ 35.0792, 0.2199,
0.3106

■ 63.9533, 0.3675,
0.3365

■ 34.9398, 0.2195,
0.3101

■ 64.4634, 0.3672,
0.3377

Harmonies

Analogous

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



45.7172, 0.2968, 0.3404



45.7172, 0.2865, 0.3262



45.7172, 0.2831, 0.3132

Triad

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



45.7172, 0.2865, 0.3262



45.7172, 0.3134, 0.3078



45.7172, 0.3385, 0.3531

Complementary

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



45.7172, 0.2865, 0.3262



37.1689, 0.3455, 0.3318

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.



45.7172, 0.3433, 0.3437



45.7172, 0.2865, 0.3262



45.7172, 0.3286, 0.3179

Square

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



45.7172, 0.2865, 0.3262



45.7172, 0.2983, 0.3031



45.7172, 0.3396, 0.3309



45.7172, 0.3268, 0.3562

Rectangle

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



45.7172, 0.2865, 0.3262



45.7172, 0.2851, 0.3070



45.7172, 0.3396, 0.3309



45.7172, 0.3410, 0.3506

Sweetspot

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



45.7191, 0.2865, 0.3262



88.5687, 0.3049, 0.3282



45.3551, 0.3093, 0.3735



18.9723, 0.3039, 0.3281



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.



45.7191, 0.2865, 0.3262



81.2954, 0.2811, 0.3255



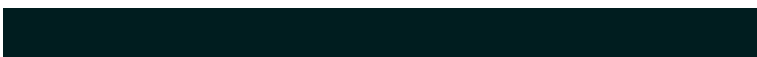
39.2925, 0.2854, 0.3035



10.7083, 0.2985, 0.3276



23.8302, 0.2195, 0.3103



0.9636, 0.2209, 0.3151

Inverse Universe

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



37.6800, 0.3165, 0.2886



64.0828, 0.3174, 0.2797



43.0012, 0.3419, 0.3532



9.6861, 0.3147, 0.3077



9.4354, 0.3364, 0.1627



0.3726, 0.3324, 0.1605

Previews

White Background



This preview shows how the Yxy color 45.7172, 0.2865, 0.3262 looks on a white background.

Color Contrast Check

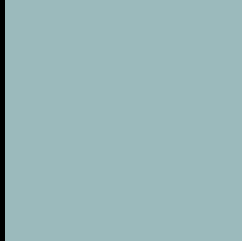
Large Text (above 18pt) WCAG AA × Fail

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 45.7172, 0.2865, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

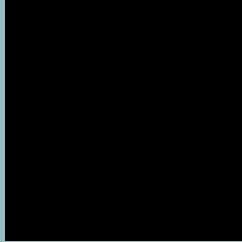
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

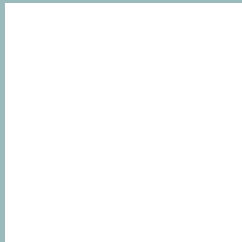
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7172, 0.2865, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 45.7172, 0.2865, 0.3262.



This preview shows how white text looks on a background with the Yxy color 45.7172, 0.2865, 0.3262.

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

45.7172, 0.2865, 0.3262

Protanopia

45.6460, 0.3113, 0.3225

Deuteranopia

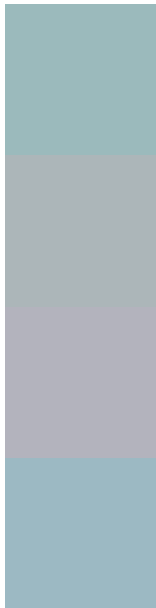
45.5841, 0.3154, 0.3101



Tritanopia

45.5726, 0.2802, 0.3088

Trichromacy



Original Color

45.7172, 0.2865, 0.3262

Protanomaly

45.7293, 0.3020, 0.3250

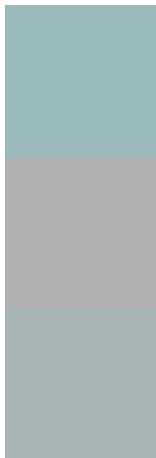
Deuteranomaly

45.4980, 0.3048, 0.3159

Tritanomaly

45.7060, 0.2823, 0.3154

Monochromacy



Original Color

45.7172, 0.2865, 0.3262

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.4137, 0.3026, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7172, 0.2865, 0.3262 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, 186, 188)` looks like.

```
.text, #text, p{  
    color:rgb(155, 186, 188)  
}
```

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, 186, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 186, 188) }
```

Border

The CSS property to change the border of an element to Yxy 45.7172, 0.2865, 0.3262 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, 186, 188) }
```

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

```
.border{ border-color:rgb(155, 186, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 186, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 186, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 186, 188);  
box-shadow:4px 4px 4px 4px rgb(155, 186,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7172, 0.2865, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 186, 188) }
```

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

```
.background{ background-color: rgb(155,  
186, 188) }
```

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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