

Converting Colors

$Yxy(45.6984, 0.2843, 0.3222)$

Have a look what the booklet for
Yxy(45.6984, 0.2843, 0.3222)
contains.

Yxy(45.8480, 0.2844, 0.3221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.8480, 0.2844, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	9BBABF
RGB	155, 186, 191
RGB Percent	61%, 73%, 75%
CMY	0.3921, 0.2706, 0.2509
CMYK	0.19, 0.03, 0.00, 0.25
HSL	188°, 22%, 68%
HSV	188°, 19%, 75%
XYZ	40.4817, 45.8480, 56.0111
YIQ	177.3010, -20.0810, -5.0170

Conversions

Conversions Part 2

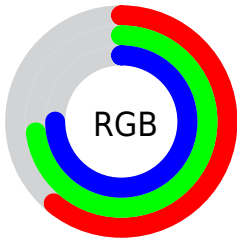
Format	Color
RYB	155, 172, 191
Decimal	10205887
CIELab	73.45, -9.35, -6.03
CIELCh	73, 11.131, 212.819
Yxy	45.8480, 0.2844, 0.3221
Android (android.graphics.Color)	4288395967 (0xFF9BBABF)
YUV	177.3010, 6.7536, -19.5580
Hunter-Lab	67.7112, -11.7766, -1.6473

Details

The Yxy color **45.8480, 0.2844, 0.3221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5907, 0.3479, 0.3358**, and the grayscale version is **44.1062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9213, 0.2897, 0.3237**, and **21.4936, 0.2760, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **42.9980, 0.2703, 0.3180**, and if you desaturate by 10%, it is **49.0216, 0.2992, 0.3259**.

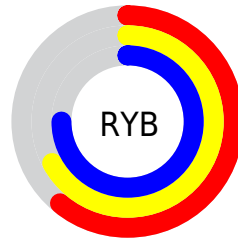
Distribution



Red (61%)

Green (73%)

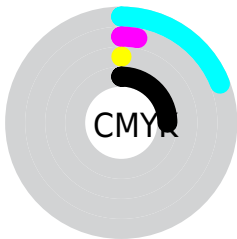
Blue (75%)



Red (61%)

Yellow (67%)

Blue (75%)

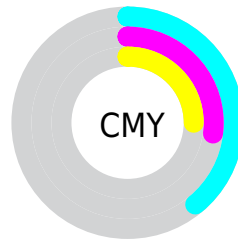


Cyan (19%)

Magenta (3%)

Yellow (0%)

Black (25%)



Cyan (39%)


Magenta (27%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8480, 0.2844, 0.3221 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 45.8480, 0.2844, 0.3221 by changing the saturation by 10% instead.

 45.8480, 0.2844,
0.3221


 45.8480, 0.2844,
0.3221


370.1972, 0.2985,
0.3257

 32.1259, 0.2809,
0.3211


 83.9915, 0.2895,
0.3234

 21.4577, 0.2764,
0.3199


 109.1816, 0.2914,
0.3239

 13.4590, 0.2705,
0.3182


138.9632, 0.2930,
0.3244

 7.7453, 0.2623,
0.3157


173.7207, 0.2944,
0.3247

 3.9324, 0.2501,
0.3118

213.8385, 0.2957,
0.3250

 1.6358, 0.2303,
0.3048

259.7009, 0.2967,

 0.3816, 0.0993,

0.3253

0.2820

311.6923, 0.2977,
0.3255

0.0000, 0.0000,
0.0000

45.8480, 0.2844,
0.3221

45.8480, 0.2844,
0.3221

42.9980, 0.2703,
0.3180

49.0216, 0.2992,
0.3259

40.4517, 0.2572,
0.3136

52.5262, 0.3145,
0.3294

38.1957, 0.2454,
0.3090

56.3762, 0.3299,
0.3325

36.2135, 0.2352,
0.3043

60.5834, 0.3453,
0.3353

34.4865, 0.2268,
0.2994

65.1590, 0.3604,
0.3378

■ 32.9939, 0.2203,
0.2945

■ 67.2361, 0.3633,
0.3405

■ 31.7109, 0.2157,
0.2896

■ 68.4931, 0.3627,
0.3432

■ 30.5958, 0.2126,
0.2848

■ 69.7718, 0.3620,
0.3459

■ 30.4717, 0.2123,
0.2842

■ 71.0721, 0.3614,
0.3486

Harmonies

Analogous

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



45.8480, 0.2930, 0.3366



45.8480, 0.2844, 0.3221



45.8480, 0.2832, 0.3100

Triad

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



45.8480, 0.2844, 0.3221



45.8480, 0.3179, 0.3100



45.8480, 0.3360, 0.3551

Complementary

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



45.8480, 0.2844, 0.3221



38.5907, 0.3479, 0.3358

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.



45.8480, 0.3432, 0.3471



45.8480, 0.2844, 0.3221



45.8480, 0.3326, 0.3213

Square

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



45.8480, 0.2844, 0.3221



45.8480, 0.3022, 0.3035



45.8480, 0.3419, 0.3347



45.8480, 0.3227, 0.3560

Rectangle

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



45.8480, 0.2844, 0.3221



45.8480, 0.2866, 0.3049



45.8480, 0.3419, 0.3347



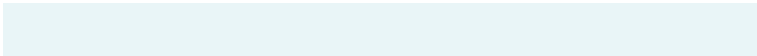
45.8480, 0.3393, 0.3531

Sweetspot

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



45.8499, 0.2844, 0.3221



89.4560, 0.3034, 0.3269



46.7663, 0.3068, 0.3729



19.5549, 0.3024, 0.3267



97.7402, 0.3127, 0.3290



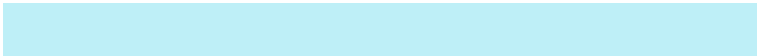
20.4902, 0.3127, 0.3290

Same Dimension

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



45.8499, 0.2844, 0.3221



79.7328, 0.2779, 0.3203



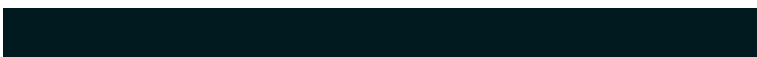
38.8130, 0.2830, 0.2972



10.5771, 0.2985, 0.3257



20.1115, 0.2125, 0.2849



0.8509, 0.2157, 0.2964

Inverse Universe

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



38.0675, 0.3194, 0.2890



63.1220, 0.3212, 0.2792



45.2090, 0.3437, 0.3589



9.6728, 0.3158, 0.3095



9.0600, 0.3590, 0.1751



0.3613, 0.3486, 0.1694

Previews

White Background



This preview shows how the Yxy color 45.8480, 0.2844, 0.3221 looks on a white background.

Color Contrast Check

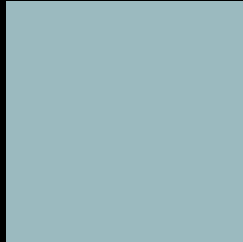
Large Text (above 18pt) WCAG AA × Fail

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 45.8480, 0.2844, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

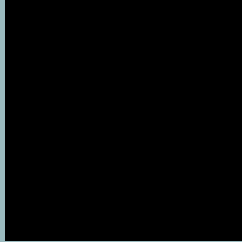
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

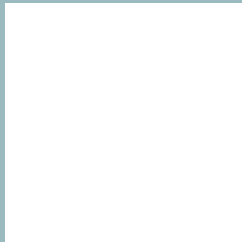
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.8480, 0.2844, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 45.8480, 0.2844, 0.3221.



This preview shows how white text looks on a background with the Yxy color 45.8480, 0.2844, 0.3221.

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

45.8480, 0.2844, 0.3221

Protanopia

45.6518, 0.3081, 0.3186

Deuteranopia

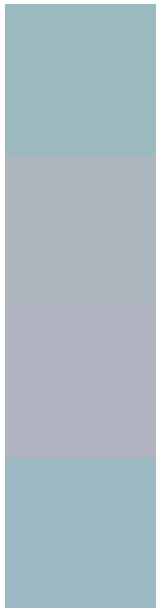
45.5866, 0.3120, 0.3063



Tritanopia

45.9895, 0.2803, 0.3102

Trichromacy



Original Color

45.8480, 0.2844, 0.3221

Protanomaly

45.8574, 0.2997, 0.3210

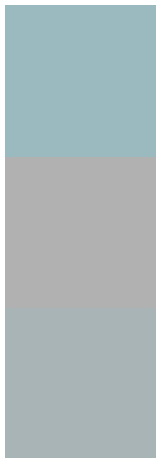
Deuteranomaly

45.5109, 0.3017, 0.3121

Tritanomaly

45.7514, 0.2816, 0.3141

Monochromacy



Original Color

45.8480, 0.2844, 0.3221

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.4549, 0.3018, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8480, 0.2844, 0.3221 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(155, 186, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 186, 191) }
```

Border

The CSS property to change the border of an element to Yxy 45.8480, 0.2844, 0.3221 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, 191) }
```

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

```
.border{ border-color:rgb(155, 186, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 186, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 186, 191);  
box-shadow:4px 4px 4px 4px rgb(155, 186,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8480, 0.2844, 0.3221 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, 191) }
```

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

```
.background{ background-color: rgb(155,  
186, 191) }
```

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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