

Converting Colors

$Y_{xy}(42.4749, 0.2752, 0.3243)$

Have a look what the booklet for
Yxy(42.4749, 0.2752, 0.3243)
contains.

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Color

Yxy(42.3620, 0.2756, 0.3246)

Conversions

Conversions Part 1

Format	Color
Hex	8AB6B9
RGB	138, 182, 185
RGB Percent	54%, 71%, 73%
CMY	0.4588, 0.2863, 0.2745
CMYK	0.25, 0.02, 0.00, 0.27
HSL	184°, 25%, 63%
HSV	184°, 25%, 73%
XYZ	35.9672, 42.3620, 52.1760
YIQ	169.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

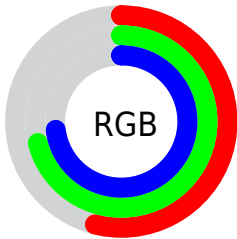
Format	Color
R _Y B	138, 161, 185
Decimal	9090745
CIE Lab	71.12, -13.86, -6.30
CIE LCh	71, 15.227, 204.441
Yxy	42.3620, 0.2756, 0.3246
Android (android.graphics.Color)	4287280825 (0xFF8AB6B9)
YUV	169.1860, 7.7963, -27.3501
Hunter-Lab	65.0861, -15.2597, -1.9693

Details

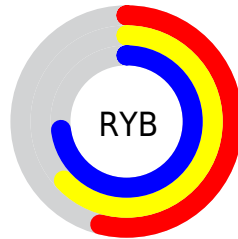
The Yxy color **42.3620, 0.2756, 0.3246** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.2013, 0.3646, 0.3334**, and the grayscale version is **39.7458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7064, 0.2821, 0.3256**, and **19.3449, 0.2645, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **40.4370, 0.2627, 0.3227**, and if you desaturate by 10%, it is **44.5633, 0.2896, 0.3264**.

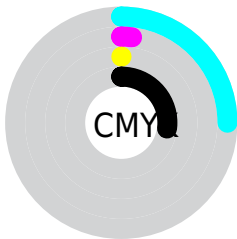
Distribution



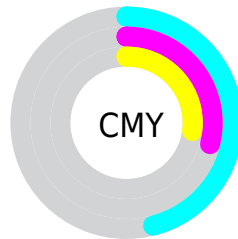
- Red (54%)
- Green (71%)
- Blue (73%)



- Red (54%)
- Yellow (63%)
- Blue (73%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (27%)





- Cyan (46%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3620, 0.2756, 0.3246 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 42.3620, 0.2756, 0.3246 by changing the saturation by 10% instead.


 42.3620, 0.2756,
0.3246


 42.3620, 0.2756,
0.3246


355.9814, 0.2943,
0.3271

 29.3849, 0.2709,
0.3239


 78.7472, 0.2824,
0.3256

 19.3721, 0.2649,
0.3229


 102.9240, 0.2849,
0.3259

 11.9395, 0.2568,
0.3215


 131.6029, 0.2871,
0.3262

 6.7025, 0.2455,
0.3194

165.1682, 0.2889,
0.3264

 3.2767, 0.2287,
0.3157

204.0043, 0.2905,
0.3266

 1.2779, 0.2008,
0.3085

248.4956, 0.2919,

 0.1240, 0.0000,

0.3268

0.1772

299.0265, 0.2932,
0.3270

0.0000, 0.0000,
0.0000

42.3620, 0.2756,
0.3246

42.3620, 0.2756,
0.3246

40.4370, 0.2627,
0.3227

44.5633, 0.2896,
0.3264

38.7695, 0.2512,
0.3206

47.0483, 0.3045,
0.3281

37.3463, 0.2413,
0.3185

49.8307, 0.3198,
0.3297

36.1513, 0.2332,
0.3164

52.9216, 0.3355,
0.3311

35.1659, 0.2270,
0.3142

56.3316, 0.3512,
0.3324

■ 34.3689, 0.2227,
0.3121

■ 60.0708, 0.3666,
0.3335

■ 33.7341, 0.2201,
0.3100

■ 61.6981, 0.3714,
0.3347

■ 33.4702, 0.2192,
0.3090

■ 62.2115, 0.3710,
0.3359

■ 62.7291, 0.3707,
0.3371

Harmonies

Analogous

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



42.3620, 0.2899, 0.3452



42.3620, 0.2756, 0.3246



42.3620, 0.2709, 0.3062

Triad

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



42.3620, 0.2756, 0.3246



42.3620, 0.3136, 0.2993



42.3620, 0.3493, 0.3632

Complementary

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



42.3620, 0.2756, 0.3246



31.2013, 0.3646, 0.3334

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.



42.3620, 0.3564, 0.3496



42.3620, 0.2756, 0.3246



42.3620, 0.3353, 0.3133

Square

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



42.3620, 0.2756, 0.3246



42.3620, 0.2923, 0.2926



42.3620, 0.3512, 0.3314



42.3620, 0.3324, 0.3680

Rectangle

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



42.3620, 0.2756, 0.3246



42.3620, 0.2738, 0.2976



42.3620, 0.3512, 0.3314



42.3620, 0.3529, 0.3595

Sweetspot

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



42.3637, 0.2756, 0.3246



82.9991, 0.3003, 0.3277



42.0043, 0.3077, 0.3965



17.7464, 0.2981, 0.3274



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



42.3637, 0.2756, 0.3246



74.0602, 0.2689, 0.3236



33.7572, 0.2726, 0.2906



10.1100, 0.2985, 0.3275



22.8324, 0.2193, 0.3093



0.8346, 0.2208, 0.3147

Inverse Universe

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



31.8726, 0.3186, 0.2705



52.4056, 0.3199, 0.2587



38.6477, 0.3570, 0.3646



9.1526, 0.3147, 0.3079



9.0873, 0.3373, 0.1632



0.3233, 0.3327, 0.1606

Previews

White Background



This preview shows how the Yxy color 42.3620, 0.2756, 0.3246 looks on a white background.

Color Contrast Check

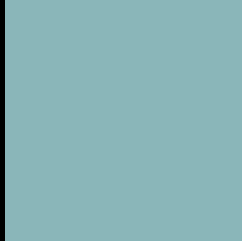
Large Text (above 18pt) WCAG AA × Fail

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 42.3620, 0.2756, 0.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

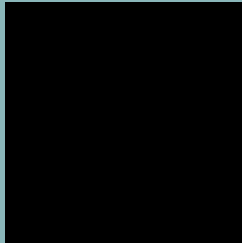
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3620, 0.2756, 0.3246

Background



This preview shows how black text looks on a background with the Yxy color 42.3620, 0.2756, 0.3246.

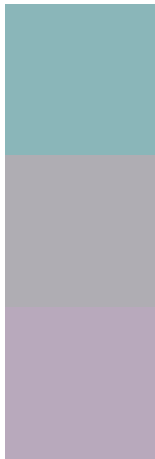


This preview shows how white text looks on a background with the Yxy color 42.3620, 0.2756, 0.3246.

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

42.3620, 0.2756, 0.3246

Protanopia

42.2558, 0.3096, 0.3209

Deuteranopia

42.1971, 0.3103, 0.3043



Tritanopia

42.1581, 0.2701, 0.3078

Trichromacy



Original Color

42.3620, 0.2756, 0.3246

Protanomaly

42.0682, 0.2968, 0.3220

Deuteranomaly

42.0754, 0.2963, 0.3113

Tritanomaly

42.2983, 0.2721, 0.3147

Monochromacy



Original Color

42.3620, 0.2756, 0.3246

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.6363, 0.2980, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3620, 0.2756, 0.3246 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(138, 182, 185)` looks like.

```
.text, #text, p{  
    color:rgb(138, 182, 185)  
}
```

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(138, 182, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 182, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.3620, 0.2756, 0.3246 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(138, 182, 185) }
```

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

```
.border{ border-color:rgb(138, 182, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 182, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 182, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 182, 185);  
box-shadow:4px 4px 4px 4px rgb(138, 182,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3620, 0.2756, 0.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 182, 185) }
```

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

```
.background{ background-color: rgb(138,  
182, 185) }
```

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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