

Converting Colors

$Y_{xy}(42.4040, 0.2765, 0.3257)$

Have a look what the booklet for
Yxy(42.4040, 0.2765, 0.3257)
contains.

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Color

Yxy(42.4056, 0.2770, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	8BB6B8
RGB	139, 182, 184
RGB Percent	55%, 71%, 72%
CMY	0.4548, 0.2863, 0.2784
CMYK	0.24, 0.01, 0.00, 0.28
HSL	183°, 24%, 63%
HSV	183°, 24%, 72%
XYZ	36.0318, 42.4056, 51.6412
YIQ	169.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

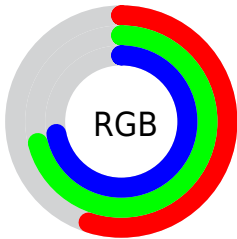
Format	Color
R_{YB}	139, 161, 184
Decimal	9156280
CIE _{Lab}	71.15, -13.78, -5.71
CIE _{LCh}	71, 14.913, 202.523
Yxy	42.4056, 0.2770, 0.3260
Android (android.graphics.Color)	4287346360 (0xFF8BB6B8)
YUV	169.3710, 7.2121, -26.6354
Hunter-Lab	65.1196, -15.1922, -1.4345

Details

The Yxy color **42.4056, 0.2770, 0.3260** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.1213, 0.3623, 0.3320**, and the grayscale version is **39.8467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7778, 0.2832, 0.3267**, and **19.3654, 0.2663, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **40.6167, 0.2641, 0.3246**, and if you desaturate by 10%, it is **44.4666, 0.2910, 0.3273**.

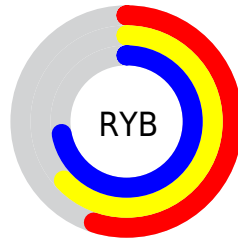
Distribution



Red (55%)

Green (71%)

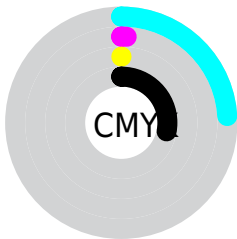
Blue (72%)



Red (55%)

Yellow (63%)

Blue (72%)

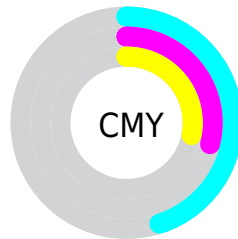


Cyan (24%)

Magenta (1%)

Yellow (0%)

Black (28%)



Cyan (45%)

Magenta (29%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4056, 0.2770, 0.3260 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 42.4056, 0.2770, 0.3260 by changing the saturation by 10% instead.

■ 42.4056, 0.2770,
0.3260

■ 42.4056, 0.2770,
0.3260

■ 356.1616, 0.2950,
0.3278

■ 29.4190, 0.2725,
0.3255

■ 78.8131, 0.2836,
0.3267

■ 19.3980, 0.2667,
0.3248

■ 103.0028, 0.2860,
0.3269

■ 11.9582, 0.2589,
0.3237

■ 131.6957, 0.2881,
0.3271

■ 6.7152, 0.2480,
0.3221

■ 165.2762, 0.2899,
0.3273

■ 3.2847, 0.2317,
0.3192

■ 204.1286, 0.2914,
0.3274

■ 1.2821, 0.2046,
0.3134

■ 248.6374, 0.2927,

■ 0.1273, 0.0000,

0.3276

0.1913

299.1869, 0.2939,
0.3277

0.0000, 0.0000,
0.0000

42.4056, 0.2770,
0.3260

42.4056, 0.2770,
0.3260

40.6167, 0.2641,
0.3246

44.4666, 0.2910,
0.3273

39.0813, 0.2526,
0.3232

46.8069, 0.3059,
0.3285

37.7867, 0.2428,
0.3217

49.4399, 0.3213,
0.3296

36.7170, 0.2348,
0.3202

52.3766, 0.3371,
0.3306

35.8542, 0.2286,
0.3187

55.6273, 0.3528,
0.3315

■ 35.1777, 0.2244,
0.3172

■ 59.2019, 0.3684,
0.3323

■ 34.6626, 0.2218,
0.3158

■ 60.5927, 0.3729,
0.3331

■ 34.4168, 0.2208,
0.3150

■ 60.9460, 0.3727,
0.3340

■ 61.3014, 0.3724,
0.3348

Harmonies

Analogous

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



42.4056, 0.2916, 0.3460



42.4056, 0.2770, 0.3260



42.4056, 0.2718, 0.3077

Triad

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



42.4056, 0.2770, 0.3260



42.4056, 0.3122, 0.2993



42.4056, 0.3493, 0.3619

Complementary

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



42.4056, 0.2770, 0.3260



31.1213, 0.3623, 0.3320

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.



42.4056, 0.3555, 0.3482



42.4056, 0.2770, 0.3260



42.4056, 0.3336, 0.3126

Square

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



42.4056, 0.2770, 0.3260



42.4056, 0.2915, 0.2932



42.4056, 0.3497, 0.3302



42.4056, 0.3333, 0.3671

Rectangle

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



42.4056, 0.2770, 0.3260



42.4056, 0.2741, 0.2989



42.4056, 0.3497, 0.3302



42.4056, 0.3526, 0.3581

Sweetspot

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



42.4073, 0.2770, 0.3260



83.6508, 0.3019, 0.3282



41.6880, 0.3084, 0.3948



17.9780, 0.3010, 0.3281



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.



42.4073, 0.2770, 0.3260



75.1660, 0.2703, 0.3253



34.1025, 0.2743, 0.2934



10.1397, 0.2985, 0.3279



23.7439, 0.2209, 0.3151



0.8584, 0.2219, 0.3189

Inverse Universe

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



32.0433, 0.3175, 0.2716



53.3823, 0.3186, 0.2598



38.2594, 0.3553, 0.3622



9.1556, 0.3144, 0.3075



9.1793, 0.3323, 0.1604



0.3258, 0.3291, 0.1587

Previews

White Background



This preview shows how the Yxy color 42.4056, 0.2770, 0.3260 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 42.4056, 0.2770, 0.3260 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

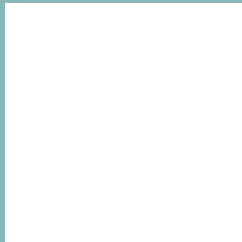
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.4056, 0.2770, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 42.4056, 0.2770, 0.3260.

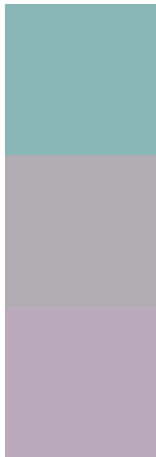


This preview shows how white text looks on a background with the Yxy color 42.4056, 0.2770, 0.3260.

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

42.4056, 0.2770, 0.3260

Protanopia

42.2155, 0.3104, 0.3223

Deuteranopia

42.2781, 0.3120, 0.3056



Tritanopia

42.2454, 0.2708, 0.3079

Trichromacy



Original Color

42.4056, 0.2770, 0.3260

Protanomaly

42.0273, 0.2975, 0.3234

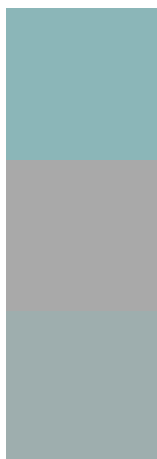
Deuteranomaly

42.1421, 0.2979, 0.3127

Tritanomaly

42.3848, 0.2729, 0.3147

Monochromacy



Original Color

42.4056, 0.2770, 0.3260

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.5972, 0.2988, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4056, 0.2770, 0.3260 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(139, 182, 184)` looks like.

```
.text, #text, p{  
    color:rgb(139, 182, 184)  
}
```

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(139, 182, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 182, 184) }
```

Border

The CSS property to change the border of an element to Yxy 42.4056, 0.2770, 0.3260 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(139, 182, 184) }
```

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

```
.border{ border-color:rgb(139, 182, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 182, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 182, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 182, 184);  
box-shadow:4px 4px 4px 4px rgb(139, 182,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4056, 0.2770, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 182, 184) }
```

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

```
.background{ background-color: rgb(139,  
182, 184) }
```

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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