

Converting Colors

$Yxy(52.6271, 0.2745, 0.3395)$

Have a look what the booklet for
Yxy(52.6271, 0.2745, 0.3395)
contains.

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Color

Yxy(52.4028, 0.2746, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	8ECBC3
RGB	142, 203, 195
RGB Percent	56%, 80%, 76%
CMY	0.4431, 0.2039, 0.2354
CMYK	0.30, 0.00, 0.04, 0.20
HSL	172°, 37%, 68%
HSV	172°, 30%, 80%
XYZ	42.3603, 52.4028, 59.4989
YIQ	183.8490, -33.7880, -15.4200

Conversions

Conversions Part 2

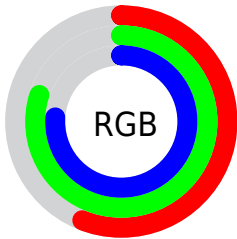
Format	Color
RYB	142, 175, 203
Decimal	9358275
CIELab	77.52, -21.18, -2.27
CIELCh	78, 21.305, 186.109
Yxy	52.4028, 0.2746, 0.3397
Android (android.graphics.Color)	4287548355 (0xFF8ECBC3)
YUV	183.8490, 5.4974, -36.7016
Hunter-Lab	72.3898, -22.2292, 1.9410

Details

The Yxy color **52.4028, 0.2746, 0.3397** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.2488, 0.3705, 0.3188**, and the grayscale version is **47.8293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3554, 0.2809, 0.3331**, and **25.5418, 0.2648, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **50.6499, 0.2640, 0.3438**, and if you desaturate by 10%, it is **54.4891, 0.2864, 0.3358**.

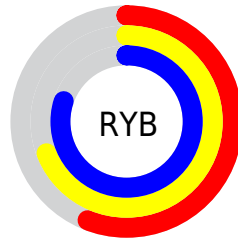
Distribution



Red (56%)

Green (80%)

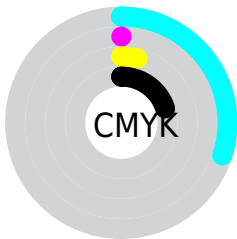
Blue (76%)



Red (56%)

Yellow (69%)

Blue (80%)

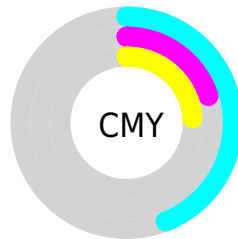


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (44%)


Magenta (20%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4028, 0.2746, 0.3397 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 52.4028, 0.2746, 0.3397 by changing the saturation by 10% instead.


 52.4028, 0.2746,
0.3397


 52.4028, 0.2746,
0.3397


395.9897, 0.2932,
0.3346

 37.3262, 0.2701,
0.3409


 93.7250, 0.2812,
0.3379

 25.4602, 0.2644,
0.3424


 120.7395, 0.2838,
0.3372

 16.4202, 0.2570,
0.3443


152.5020, 0.2859,
0.3366

 9.8220, 0.2469,
0.3469

189.3970, 0.2878,
0.3361

 5.2811, 0.2325,
0.3504

231.8089, 0.2894,
0.3357

 2.4131, 0.2100,
0.3555

280.1220, 0.2908,


 0.8326, 0.1261,


0.3353


0.3827


334.7208, 0.2920,
0.3349

 0.0000, 0.0000,
0.0000

 52.4028, 0.2746,
0.3397


 52.4028, 0.2746,
0.3397


 50.6499, 0.2640,
0.3438


 54.4891, 0.2864,
0.3358


 49.2063, 0.2549,
0.3481

 56.9188, 0.2992,
0.3323


 48.0547, 0.2475,
0.3526


 59.7095, 0.3127,
0.3290

 47.1733, 0.2420,
0.3572


 62.8755, 0.3265,
0.3261

 46.5374, 0.2384,
0.3618


 66.4304, 0.3405,
0.3235


 46.1179, 0.2366,
0.3664

 68.6776, 0.3475,
0.3209

 45.8605, 0.2364,
0.3710

 68.8127, 0.3454,
0.3182

 68.9501, 0.3434,
0.3155

 69.0896, 0.3413,
0.3128

Harmonies

Analogous

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



52.4028, 0.2987, 0.3646



52.4028, 0.2746, 0.3397



52.4028, 0.2608, 0.3128

Triad

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



52.4028, 0.2746, 0.3397



52.4028, 0.2962, 0.2842



52.4028, 0.3679, 0.3633

Complementary

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



52.4028, 0.2746, 0.3397



34.2488, 0.3705, 0.3188

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.



52.4028, 0.3676, 0.3412



52.4028, 0.2746, 0.3397



52.4028, 0.3251, 0.2969

Square

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



52.4028, 0.2746, 0.3397



52.4028, 0.2728, 0.2822



52.4028, 0.3516, 0.3173



52.4028, 0.3529, 0.3776

Rectangle

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



52.4028, 0.2746, 0.3397



52.4028, 0.2589, 0.2979



52.4028, 0.3516, 0.3173



52.4028, 0.3696, 0.3565

Sweetspot

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



52.4049, 0.2746, 0.3397



95.7112, 0.3004, 0.3320



51.1649, 0.3147, 0.4145



20.3480, 0.2985, 0.3325



0.0000, 0.0000, 0.0000



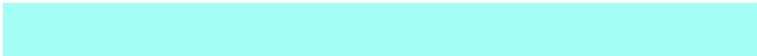
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4049, 0.2746, 0.3397



85.7940, 0.2676, 0.3423



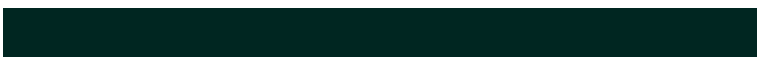
42.9649, 0.2663, 0.2981



12.7007, 0.3001, 0.3321



29.1935, 0.2362, 0.3703



1.5133, 0.2337, 0.3614

Inverse Universe

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



34.2488, 0.3705, 0.3188



50.6316, 0.3884, 0.3165



41.3353, 0.3710, 0.3579



11.2373, 0.3270, 0.3260



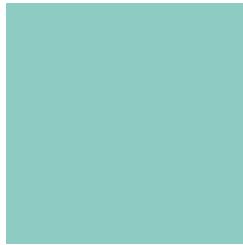
8.1372, 0.6217, 0.3199



0.4279, 0.5778, 0.2957

Previews

White Background



This preview shows how the Yxy color 52.4028, 0.2746, 0.3397 looks on a white background.

Color Contrast Check

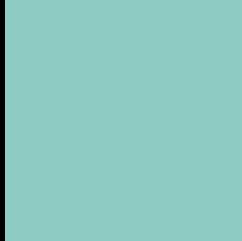
Large Text (above 18pt) WCAG AA × Fail

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 52.4028, 0.2746, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

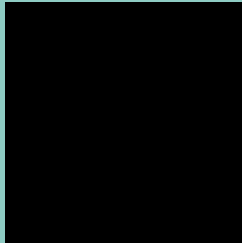
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

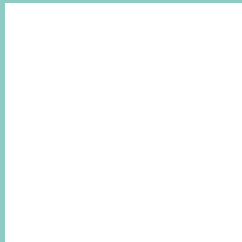
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4028, 0.2746, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 52.4028, 0.2746, 0.3397.



This preview shows how white text looks on a background with the Yxy color 52.4028, 0.2746, 0.3397.

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

52.4028, 0.2746, 0.3397

Protanopia

52.0169, 0.3191, 0.3327

Deuteranopia

51.9433, 0.3193, 0.3123



Tritanopia

52.4695, 0.2648, 0.3082

Trichromacy



Original Color

52.4028, 0.2746, 0.3397

Protanomaly

51.9780, 0.3014, 0.3354

Deuteranomaly

51.8438, 0.3011, 0.3214

Tritanomaly

52.3471, 0.2684, 0.3197

Monochromacy



Original Color

52.4028, 0.2746, 0.3397

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.3275, 0.2974, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4028, 0.2746, 0.3397 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(142, 203, 195)` looks like.

```
.text, #text, p{  
    color:rgb(142, 203, 195)  
}
```

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(142, 203, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 203, 195) }
```

Border

The CSS property to change the border of an element to Yxy 52.4028, 0.2746, 0.3397 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(142, 203, 195) }
```

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

```
.border{ border-color:rgb(142, 203, 195) }
```

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

Here you see how a box with a 4 pixel rgb(142, 203, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 203, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 203, 195);  
box-shadow:4px 4px 4px 4px rgb(142, 203,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4028, 0.2746, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 203, 195) }
```

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

```
.background{ background-color: rgb(142,  
203, 195) }
```

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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