

Converting Colors

$Yxy(54.2045, 0.2925, 0.3527)$

Have a look what the booklet for
Yxy(54.2045, 0.2925, 0.3527)
contains.

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Color

Yxy(54.2045, 0.2925, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	A0CCBA
RGB	160, 204, 186
RGB Percent	63%, 80%, 73%
CMY	0.3725, 0.2000, 0.2707
CMYK	0.22, 0.00, 0.09, 0.20
HSL	155°, 30%, 71%
HSV	155°, 22%, 80%
XYZ	44.9527, 54.2045, 54.5272
YIQ	188.7920, -20.4460, -14.9260

Conversions

Conversions Part 2

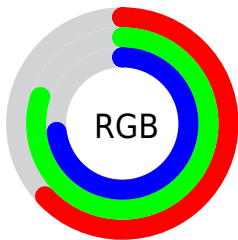
Format	Color
R_{YB}	160, 188, 204
Decimal	10538170
CIE _{Lab}	78.58, -18.11, 4.25
CIE _{LCh}	79, 18.606, 166.805
Yxy	54.2045, 0.2925, 0.3527
Android (android.graphics.Color)	4288728250 (0xFFA0CCBA)
YUV	188.7920, -1.3765, -25.2506
Hunter-Lab	73.6237, -19.8541, 7.6252

Details

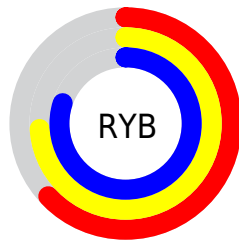
The Yxy color $54.2045, 0.2925, 0.3527$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $41.2034, 0.3386, 0.3065$, and the grayscale version is $50.7825, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.3779, 0.2958, 0.3424$, and $26.6943, 0.2872, 0.3596$ is the 20% darker color. If you saturate the color by 10%, you get $51.9281, 0.2839, 0.3655$, and if you desaturate by 10%, it is $56.8512, 0.3017, 0.3410$.

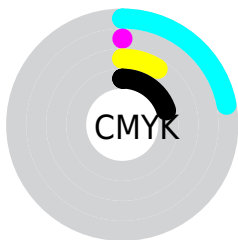
Distribution



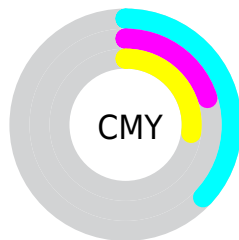
- Red (63%)
- Green (80%)
- Blue (73%)



- Red (63%)
- Yellow (74%)
- Blue (80%)



- Cyan (22%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)





- Cyan (37%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2045, 0.2925, 0.3527 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 54.2045, 0.2925, 0.3527 by changing the saturation by 10% instead.


 54.2045, 0.2925,
0.3527

 54.2045, 0.2925,
0.3527


402.8894, 0.3024,
0.3410

 38.7652, 0.2901,
0.3556


 96.3744, 0.2961,
0.3485

 26.5771, 0.2870,
0.3593


 123.8739, 0.2974,
0.3469

 17.2559, 0.2829,
0.3642


156.1621, 0.2986,
0.3455

 10.4171, 0.2773,
0.3710


193.6235, 0.2996,
0.3443

 5.6764, 0.2691,
0.3810

236.6426, 0.3004,
0.3433

 2.6493, 0.2560,
0.3973

285.6036, 0.3012,

 0.9515, 0.2143,

0.3424

0.4426

340.8911, 0.3018,
0.3417

0.0000, 0.0000,
0.0000

54.2045, 0.2925,
0.3527

54.2045, 0.2925,
0.3527

51.9281, 0.2839,
0.3655

56.8512, 0.3017,
0.3410

49.9982, 0.2763,
0.3794

59.8775, 0.3112,
0.3305

48.3983, 0.2699,
0.3942


63.3007, 0.3209,
0.3212


47.1082, 0.2650,
0.4097


67.1350, 0.3305,
0.3128


46.1051, 0.2620,
0.4256


70.0376, 0.3346,
0.3051

 45.3631, 0.2610,
0.4416

 70.5131, 0.3284,
0.2969

 44.8513, 0.2619,
0.4574

 71.0114, 0.3224,
0.2889

 44.5516, 0.2640,
0.4704

 71.5328, 0.3165,
0.2811

 71.6674, 0.3151,
0.2792

Harmonies

Analogous

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



54.2045, 0.3167, 0.3688



54.2045, 0.2925, 0.3527



54.2045, 0.2742, 0.3299

Triad

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



54.2045, 0.2925, 0.3527



54.2045, 0.2845, 0.2878



54.2045, 0.3617, 0.3470

Complementary

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



54.2045, 0.2925, 0.3527



41.2034, 0.3386, 0.3065

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.



54.2045, 0.3525, 0.3262



54.2045, 0.2925, 0.3527



54.2045, 0.3072, 0.2930

Square

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



54.2045, 0.2925, 0.3527



54.2045, 0.2697, 0.2929



54.2045, 0.3323, 0.3068



54.2045, 0.3572, 0.3643

Rectangle

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



54.2045, 0.2925, 0.3527



54.2045, 0.2675, 0.3147



54.2045, 0.3323, 0.3068



54.2045, 0.3602, 0.3403

Sweetspot

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



54.2068, 0.2925, 0.3527



96.8152, 0.3069, 0.3351



55.2322, 0.3241, 0.3860



20.6513, 0.3062, 0.3358



0.0000, 0.0000, 0.0000



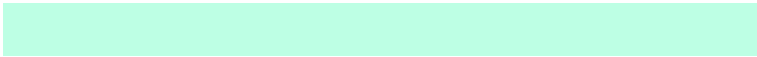
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2068, 0.2925, 0.3527



87.8913, 0.2883, 0.3587



53.3009, 0.2806, 0.3242



12.6461, 0.3037, 0.3387



28.0592, 0.2634, 0.4682



1.4624, 0.2550, 0.4380

Inverse Universe

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



41.2034, 0.3386, 0.3065



62.4785, 0.3460, 0.3012



41.8153, 0.3550, 0.3338



11.2887, 0.3227, 0.3195



8.4971, 0.5317, 0.2703



0.4533, 0.4809, 0.2423

Previews

White Background



This preview shows how the Yxy color 54.2045, 0.2925, 0.3527 looks on a white background.

Color Contrast Check

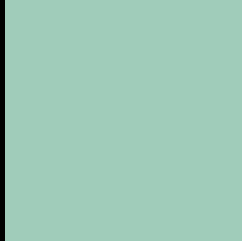
Large Text (above 18pt) WCAG AA × Fail

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 54.2045, 0.2925, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

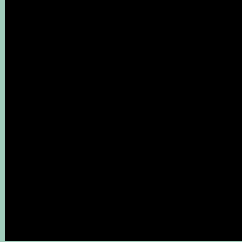
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

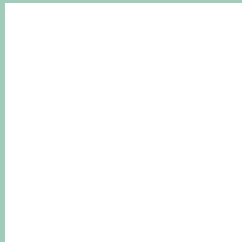
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2045, 0.2925, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 54.2045, 0.2925, 0.3527.



This preview shows how white text looks on a background with the Yxy color 54.2045, 0.2925, 0.3527.

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

54.2045, 0.2925, 0.3527

Protanopia

53.8527, 0.3292, 0.3450

Deuteranopia

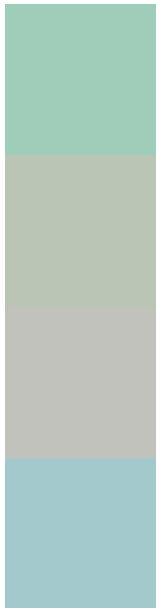
53.9367, 0.3337, 0.3279



Tritanopia

54.3734, 0.2771, 0.3089

Trichromacy



Original Color

54.2045, 0.2925, 0.3527

Protanomaly

53.7490, 0.3150, 0.3479

Deuteranomaly

53.6837, 0.3172, 0.3364

Tritanomaly

54.0736, 0.2827, 0.3238

Monochromacy



Original Color

54.2045, 0.2925, 0.3527

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6794, 0.3044, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2045, 0.2925, 0.3527 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(160, 204, 186)` looks like.

```
.text, #text, p{  
    color:rgb(160, 204, 186)  
}
```

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(160, 204, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 204, 186) }
```

Border

The CSS property to change the border of an element to Yxy 54.2045, 0.2925, 0.3527 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(160, 204, 186) }
```

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

```
.border{ border-color:rgb(160, 204, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 204, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 204, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 204, 186); box-shadow:4px 4px 4px 4px rgb(160, 204, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2045, 0.2925, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 204, 186) }
```

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

```
.background{ background-color: rgb(160,  
204, 186) }
```

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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