

Converting Colors

$Yxy(54.7679, 0.2764, 0.3421)$

Have a look what the booklet for
Yxy(54.7679, 0.2764, 0.3421)
contains.

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Color

Yxy(54.7679, 0.2764, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	92CFC5
RGB	146, 207, 197
RGB Percent	57%, 81%, 77%
CMY	0.4274, 0.1882, 0.2274
CMYK	0.29, 0.00, 0.05, 0.19
HSL	170°, 39%, 69%
HSV	170°, 29%, 81%
XYZ	44.2498, 54.7679, 61.0756
YIQ	187.6210, -33.1460, -16.0420

Conversions

Conversions Part 2

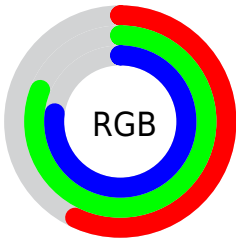
Format	Color
RYB	146, 179, 207
Decimal	9621445
CIELab	78.91, -21.56, -1.31
CIELCh	79, 21.603, 183.474
Yxy	54.7679, 0.2764, 0.3421
Android (android.graphics.Color)	4287811525 (0xFF92CFC5)
YUV	187.6210, 4.6238, -36.5016
Hunter-Lab	74.0053, -22.7794, 2.8725

Details

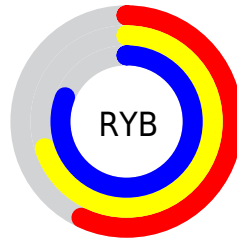
The Yxy color **54.7679, 0.2764, 0.3421** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2304, 0.3670, 0.3165**, and the grayscale version is **50.0551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0933, 0.2816, 0.3300**, and **26.7668, 0.2670, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **52.8878, 0.2660, 0.3473**, and if you desaturate by 10%, it is **56.9994, 0.2880, 0.3373**.

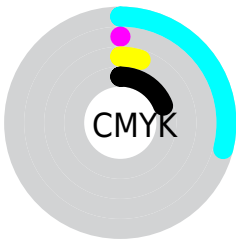
Distribution



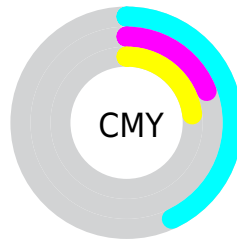
- Red (57%)
- Green (81%)
- Blue (77%)



- Red (57%)
- Yellow (70%)
- Blue (81%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)





- Cyan (43%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7679, 0.2764, 0.3421 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 54.7679, 0.2764, 0.3421 by changing the saturation by 10% instead.

 54.7679, 0.2764,
0.3421


 54.7679, 0.2764,
0.3421


405.0315, 0.2940,
0.3358

 39.2159, 0.2722,
0.3436


 97.2008, 0.2827,
0.3399

 26.9277, 0.2669,
0.3455


 124.8505, 0.2851,
0.3390

 17.5190, 0.2599,
0.3479


157.3016, 0.2871,
0.3383

 10.6052, 0.2505,
0.3511

194.9385, 0.2888,
0.3377

 5.8020, 0.2372,
0.3556

238.1455, 0.2904,
0.3371

 2.7251, 0.2166,
0.3624

287.3071, 0.2917,

 0.9899, 0.1592,

0.3366

0.3837

342.8076, 0.2929,
0.3362

0.0000, 0.0000,
0.0000

54.7679, 0.2764,
0.3421

54.7679, 0.2764,
0.3421

52.8878, 0.2660,
0.3473

56.9994, 0.2880,
0.3373

51.3339, 0.2571,
0.3527

59.5928, 0.3004,
0.3328

50.0881, 0.2498,
0.3584


62.5663, 0.3134,
0.3288

49.1277, 0.2444,
0.3642


65.9351, 0.3268,
0.3251

48.4271, 0.2410,
0.3700

69.7133, 0.3403,
0.3219

 47.9559, 0.2394,
0.3759

 70.9122, 0.3420,
0.3186

 47.6615, 0.2394,
0.3816

 71.0906, 0.3395,
0.3152

 47.6471, 0.2394,
0.3820

 71.2726, 0.3369,
0.3118

 71.4583, 0.3344,
0.3084

Harmonies

Analogous

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



54.7679, 0.3012, 0.3664



54.7679, 0.2764, 0.3421



54.7679, 0.2615, 0.3150

Triad

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



54.7679, 0.2764, 0.3421



54.7679, 0.2938, 0.2836



54.7679, 0.3685, 0.3615

Complementary

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



54.7679, 0.2764, 0.3421



36.2304, 0.3670, 0.3165

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.



54.7679, 0.3667, 0.3390



54.7679, 0.2764, 0.3421



54.7679, 0.3225, 0.2954

Square

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



54.7679, 0.2764, 0.3421



54.7679, 0.2712, 0.2826



54.7679, 0.3496, 0.3153



54.7679, 0.3547, 0.3768

Rectangle

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



54.7679, 0.2764, 0.3421



54.7679, 0.2588, 0.2997



54.7679, 0.3496, 0.3153



54.7679, 0.3697, 0.3545

Sweetspot

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



54.7701, 0.2764, 0.3421



95.6647, 0.3008, 0.3327



53.7872, 0.3162, 0.4123



20.3365, 0.2990, 0.3333



0.0000, 0.0000, 0.0000



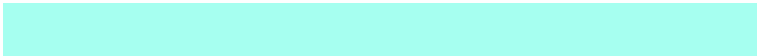
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7701, 0.2764, 0.3421



85.9151, 0.2700, 0.3451



46.0202, 0.2675, 0.3016



13.3725, 0.3005, 0.3328



30.0324, 0.2392, 0.3812



1.6883, 0.2363, 0.3705

Inverse Universe

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



36.2304, 0.3670, 0.3165



51.7512, 0.3827, 0.3139



42.7405, 0.3704, 0.3548



11.8393, 0.3265, 0.3252



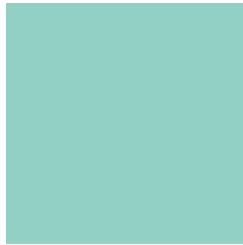
8.4394, 0.6151, 0.3162



0.4819, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 54.7679, 0.2764, 0.3421 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 54.7679, 0.2764, 0.3421 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

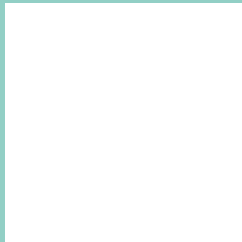
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7679, 0.2764, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 54.7679, 0.2764, 0.3421.



This preview shows how white text looks on a background with the Yxy color 54.7679, 0.2764, 0.3421.

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

54.7679, 0.2764, 0.3421

Protanopia

54.3998, 0.3205, 0.3351

Deuteranopia

54.4611, 0.3216, 0.3150



Tritanopia

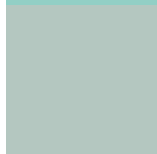
54.9323, 0.2655, 0.3086

Trichromacy



Original Color

54.7679, 0.2764, 0.3421



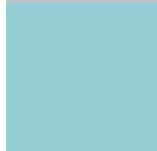
Protanomaly

54.3559, 0.3030, 0.3378



Deuteranomaly

54.2148, 0.3028, 0.3240



Tritanomaly

54.8057, 0.2691, 0.3198

Monochromacy



Original Color

54.7679, 0.2764, 0.3421



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

51.6760, 0.2984, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7679, 0.2764, 0.3421 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(146, 207, 197)` looks like.

```
.text, #text, p{  
    color:rgb(146, 207, 197)  
}
```

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(146, 207, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 207, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.7679, 0.2764, 0.3421 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(146, 207, 197) }
```

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

```
.border{ border-color:rgb(146, 207, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 207, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 207, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 207, 197);  
box-shadow:4px 4px 4px 4px rgb(146, 207,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7679, 0.2764, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 207, 197) }
```

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

```
.background{ background-color: rgb(146,  
207, 197) }
```

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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