

Converting Colors

$Yxy(54.2687, 0.2642, 0.3072)$

Have a look what the booklet for
Yxy(54.2687, 0.2642, 0.3072)
contains.

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Color

Yxy(54.2687, 0.2642, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	95CBDC
RGB	149, 203, 220
RGB Percent	58%, 80%, 86%
CMY	0.4155, 0.2039, 0.1373
CMYK	0.32, 0.08, 0.00, 0.14
HSL	194°, 50%, 72%
HSV	194°, 32%, 86%
XYZ	46.6725, 54.2687, 75.7147
YIQ	188.7920, -37.6410, -6.1610

Conversions

Conversions Part 2

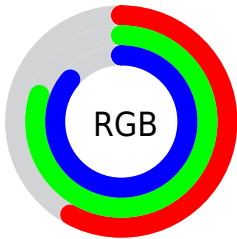
Format	Color
R _{YB}	149, 180, 220
Decimal	9817052
CIE _{Lab}	78.62, -13.37, -14.05
CIE _{LCh}	79, 19.398, 226.430
Y _{xy}	54.2687, 0.2642, 0.3072
Android (android.graphics.Color)	4288007132 (0xFF95CBDC)
YUV	188.7920, 15.3855, -34.8976
Hunter-Lab	73.6673, -15.8277, -9.3707

Details

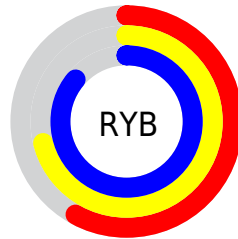
The Yxy color **54.2687, 0.2642, 0.3072** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.6691, 0.3802, 0.3496**, and the grayscale version is **50.6958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **26.6444, 0.2516, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **49.9465, 0.2505, 0.2993**, and if you desaturate by 10%, it is **59.0706, 0.2788, 0.3146**.

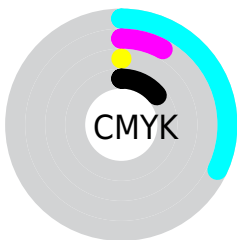
Distribution



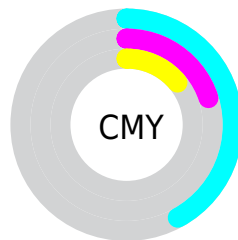
- Red (58%)
- Green (80%)
- Blue (86%)



- Red (58%)
- Yellow (71%)
- Blue (86%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (14%)




- Cyan (42%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2687, 0.2642, 0.3072 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 54.2687, 0.2642, 0.3072 by changing the saturation by 10% instead.


 54.2687, 0.2642,
0.3072


 54.2687, 0.2642,
0.3072


403.1338, 0.2874,
0.3182

 38.8165, 0.2587,
0.3045

 96.4687, 0.2724,
0.3112

 26.6170, 0.2518,
0.3009


 123.9852, 0.2756,
0.3127

 17.2858, 0.2430,
0.2963


156.2921, 0.2783,
0.3140

 10.4385, 0.2312,
0.2898

193.7735, 0.2806,
0.3150

 5.6906, 0.2147,
0.2803

236.8141, 0.2826,
0.3160

 2.6579, 0.1902,
0.2652

285.7980, 0.2844,

 0.9559, 0.1454,

0.3168

0.2395

341.1098, 0.2860,
0.3175

0.0000, 0.0000,
0.0000

54.2687, 0.2642,
0.3072

54.2687, 0.2642,
0.3072

49.9465, 0.2505,
0.2993

59.0706, 0.2788,
0.3146

46.0747, 0.2380,
0.2909

64.3668, 0.2939,
0.3215

42.6303, 0.2271,
0.2822

70.1793, 0.3093,
0.3277

39.5854, 0.2179,
0.2733

76.5265, 0.3246,
0.3333

36.9077, 0.2107,
0.2644

82.6524, 0.3368,
0.3384

■ 34.5591, 0.2054,
0.2555

■ 85.6179, 0.3361,
0.3436

■ 32.9159, 0.2024,
0.2487

■ 88.6727, 0.3354,
0.3487

■ 91.8175, 0.3347,
0.3538

■ 95.0531, 0.3340,
0.3588

Harmonies

Analogous

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



54.2687, 0.2728, 0.3302



54.2687, 0.2642, 0.3072



54.2687, 0.2679, 0.2915

Triad

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



54.2687, 0.2642, 0.3072



54.2687, 0.3328, 0.3057



54.2687, 0.3418, 0.3746

Complementary

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



54.2687, 0.2642, 0.3072



44.6691, 0.3802, 0.3496

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.



54.2687, 0.3592, 0.3655



54.2687, 0.2642, 0.3072



54.2687, 0.3540, 0.3258

Square

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



54.2687, 0.2642, 0.3072



54.2687, 0.3066, 0.2914



54.2687, 0.3638, 0.3475



54.2687, 0.3171, 0.3706

Rectangle

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



54.2687, 0.2642, 0.3072



54.2687, 0.2769, 0.2867



54.2687, 0.3638, 0.3475



54.2687, 0.3488, 0.3729

Sweetspot

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



54.2709, 0.2642, 0.3072



91.6459, 0.2972, 0.3229



60.3113, 0.2983, 0.4012



19.3775, 0.2950, 0.3219



0.0000, 0.0000, 0.0000



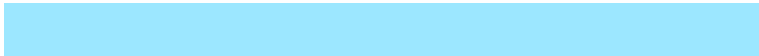
21.4041, 0.3127, 0.3290

Same Dimension

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



54.2709, 0.2642, 0.3072



71.4981, 0.2544, 0.3016



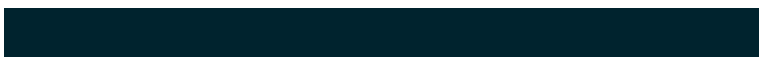
39.5514, 0.2584, 0.2600



14.2735, 0.2982, 0.3233



19.5013, 0.2028, 0.2501



1.3931, 0.2068, 0.2644

Inverse Universe

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



41.0339, 0.3319, 0.2668



50.6661, 0.3373, 0.2532



59.1900, 0.3675, 0.3895



13.2187, 0.3174, 0.3114



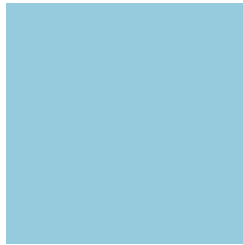
10.5924, 0.3922, 0.1934



0.6993, 0.3781, 0.1857

Previews

White Background



This preview shows how the Yxy color 54.2687, 0.2642, 0.3072 looks on a white background.

Color Contrast Check

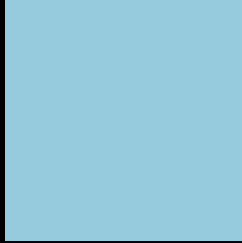
Large Text (above 18pt) WCAG AA × Fail

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 54.2687, 0.2642, 0.3072 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

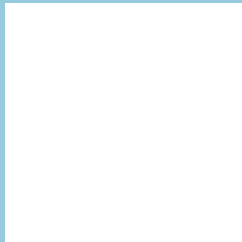
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2687, 0.2642, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 54.2687, 0.2642, 0.3072.



This preview shows how white text looks on a background with the Yxy color 54.2687, 0.2642, 0.3072.

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

54.2687, 0.2642, 0.3072

Protanopia

54.1505, 0.2974, 0.3049

Deuteranopia

53.8650, 0.2957, 0.2892



Tritanopia

54.2159, 0.2647, 0.3084

Trichromacy



Original Color

54.2687, 0.2642, 0.3072

Protanomaly

54.1205, 0.2837, 0.3055

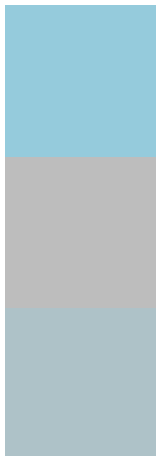
Deuteranomaly

53.6813, 0.2832, 0.2950

Tritanomaly

54.2159, 0.2647, 0.3084

Monochromacy



Original Color

54.2687, 0.2642, 0.3072

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7524, 0.2929, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2687, 0.2642, 0.3072 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(149, 203, 220)` looks like.

```
.text, #text, p{  
    color:rgb(149, 203, 220)  
}
```

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(149, 203, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 203, 220) }
```

Border

The CSS property to change the border of an element to Yxy 54.2687, 0.2642, 0.3072 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(149, 203, 220) }
```

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

```
.border{ border-color:rgb(149, 203, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 203, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 203, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 203, 220);  
box-shadow:4px 4px 4px 4px rgb(149, 203,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2687, 0.2642, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 203, 220) }
```

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

```
.background{ background-color: rgb(149,  
203, 220) }
```

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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