

Converting Colors

$Yxy(44.9458, 0.2704, 0.3123)$

Have a look what the booklet for
Yxy(44.9458, 0.2704, 0.3123)
contains.

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Color

Yxy(44.9458, 0.2704, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	8EBAC6
RGB	142, 186, 198
RGB Percent	56%, 73%, 78%
CMY	0.4429, 0.2706, 0.2235
CMYK	0.28, 0.06, 0.00, 0.22
HSL	193°, 33%, 67%
HSV	193°, 28%, 78%
XYZ	38.9156, 44.9458, 60.0573
YIQ	174.2120, -30.0760, -5.5960

Conversions

Conversions Part 2

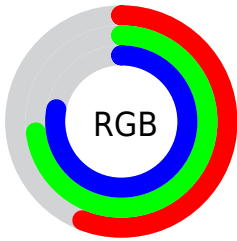
Format	Color
RYB	142, 167, 198
Decimal	9353926
CIELab	72.86, -11.72, -10.82
CIElCh	73, 15.954, 222.706
Yxy	44.9458, 0.2704, 0.3123
Android (android.graphics.Color)	4287544006 (0xFF8EBAC6)
YUV	174.2120, 11.7275, -28.2499
Hunter-Lab	67.0416, -13.7091, -6.1841

Details

The Yxy color **44.9458, 0.2704, 0.3123** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1006, 0.3696, 0.3450**, and the grayscale version is **42.3990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5946, 0.2778, 0.3151**, and **20.9623, 0.2590, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **41.5820, 0.2566, 0.3055**, and if you desaturate by 10%, it is **48.6777, 0.2850, 0.3187**.

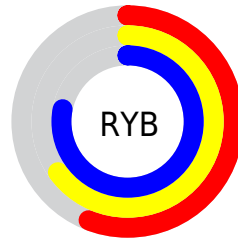
Distribution



Red (56%)

Green (73%)

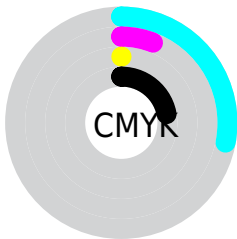
Blue (78%)



Red (56%)

Yellow (65%)

Blue (78%)

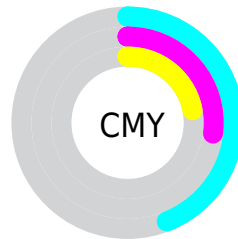


Cyan (28%)

Magenta (6%)

Yellow (0%)

Black (22%)



Cyan (44%)

Magenta (27%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9458, 0.2704, 0.3123 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 44.9458, 0.2704, 0.3123 by changing the saturation by 10% instead.

■ 44.9458, 0.2704,
0.3123

■ 44.9458, 0.2704,
0.3123

■ 366.5540, 0.2914,
0.3210

■ 31.4147, 0.2652,
0.3100

■ 82.6391, 0.2780,
0.3155

■ 20.9149, 0.2586,
0.3071

■ 107.5701, 0.2808,
0.3167

■ 13.0618, 0.2499,
0.3030

■ 137.0698, 0.2833,
0.3177

■ 7.4711, 0.2379,
0.2972

■ 171.5228, 0.2854,
0.3186

■ 3.7584, 0.2203,
0.2881

■ 211.3133, 0.2872,
0.3193

■ 1.5394, 0.1924,
0.2724

■ 256.8257, 0.2887,

■ 0.3162, 0.0100,

0.3199

0.2199

308.4445, 0.2901,
0.3205

0.0000, 0.0000,
0.0000

44.9458, 0.2704,
0.3123

44.9458, 0.2704,
0.3123

41.5820, 0.2566,
0.3055

48.6777, 0.2850,
0.3187

38.5641, 0.2439,
0.2982

52.7881, 0.3001,
0.3246

35.8753, 0.2327,
0.2906

57.2934, 0.3154,
0.3299

33.4953, 0.2231,
0.2829

62.2075, 0.3306,
0.3347

31.4010, 0.2154,
0.2750

67.5435, 0.3456,
0.3390

■ 29.5653, 0.2096,
0.2671

■ 72.1840, 0.3557,
0.3430

■ 27.9469, 0.2056,
0.2593

■ 74.3330, 0.3547,
0.3473

■ 27.6761, 0.2050,
0.2580

■ 76.5384, 0.3538,
0.3515

■ 78.8006, 0.3529,
0.3558

Harmonies

Analogous

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



44.9458, 0.2793, 0.3328



44.9458, 0.2704, 0.3123



44.9458, 0.2723, 0.2974

Triad

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



44.9458, 0.2704, 0.3123



44.9458, 0.3276, 0.3066



44.9458, 0.3407, 0.3684

Complementary

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



44.9458, 0.2704, 0.3123



37.1006, 0.3696, 0.3450

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.



44.9458, 0.3546, 0.3595



44.9458, 0.2704, 0.3123



44.9458, 0.3470, 0.3240

Square

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



44.9458, 0.2704, 0.3123



44.9458, 0.3047, 0.2948



44.9458, 0.3570, 0.3431



44.9458, 0.3195, 0.3663

Rectangle

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



44.9458, 0.2704, 0.3123



44.9458, 0.2795, 0.2923



44.9458, 0.3570, 0.3431



44.9458, 0.3464, 0.3666

Sweetspot

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



44.9476, 0.2704, 0.3123



93.5693, 0.3003, 0.3246



48.4582, 0.3013, 0.3932



19.7799, 0.2980, 0.3238



0.0000, 0.0000, 0.0000



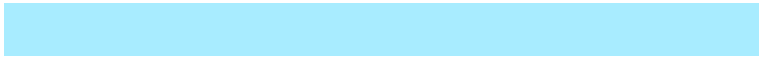
21.4041, 0.3127, 0.3290

Same Dimension

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



44.9476, 0.2704, 0.3123



75.7827, 0.2617, 0.3081



34.5771, 0.2664, 0.2730



11.6658, 0.2984, 0.3239



18.1249, 0.2053, 0.2590



0.9574, 0.2098, 0.2752

Inverse Universe

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



34.9160, 0.3275, 0.2733



55.4539, 0.3316, 0.2609



47.1023, 0.3603, 0.3792



10.7761, 0.3170, 0.3110



9.3697, 0.3834, 0.1886



0.4537, 0.3679, 0.1800

Previews

White Background



This preview shows how the Yxy color 44.9458, 0.2704, 0.3123 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 44.9458, 0.2704, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

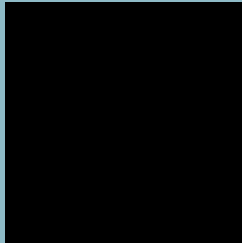
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

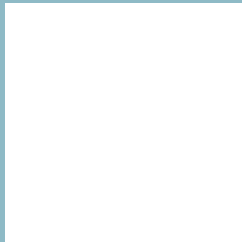
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9458, 0.2704, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 44.9458, 0.2704, 0.3123.

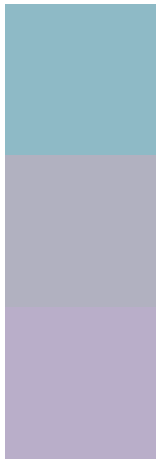


This preview shows how white text looks on a background with the Yxy color 44.9458, 0.2704, 0.3123.

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

44.9458, 0.2704, 0.3123

Protanopia

44.5972, 0.3008, 0.3094

Deuteranopia

44.8034, 0.3006, 0.2948



Tritanopia

45.1276, 0.2698, 0.3097

Trichromacy



Original Color

44.9458, 0.2704, 0.3123

Protanomaly

44.4301, 0.2888, 0.3102

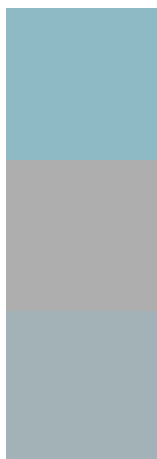
Deuteranomaly

44.4459, 0.2883, 0.3001

Tritanomaly

45.0810, 0.2704, 0.3110

Monochromacy



Original Color

44.9458, 0.2704, 0.3123

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9411, 0.2953, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9458, 0.2704, 0.3123 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, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(142, 186, 198)  
}
```

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, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 186, 198) }
```

Border

The CSS property to change the border of an element to Yxy 44.9458, 0.2704, 0.3123 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, 186, 198) }
```

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

```
.border{ border-color:rgb(142, 186, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 186, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 186, 198);  
box-shadow:4px 4px 4px 4px rgb(142, 186,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9458, 0.2704, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 186, 198) }
```

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

```
.background{ background-color: rgb(142,  
186, 198) }
```

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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