

Converting Colors

$Y_{xy}(44.5590, 0.2654, 0.3054)$

Have a look what the booklet for
Yxy(44.5590, 0.2654, 0.3054)
contains.

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Color

Yxy(44.4512, 0.2656, 0.3054)

Conversions

Conversions Part 1

Format	Color
Hex	8BB9CA
RGB	139, 185, 202
RGB Percent	55%, 73%, 79%
CMY	0.4550, 0.2745, 0.2077
CMYK	0.31, 0.08, 0.00, 0.21
HSL	196°, 37%, 67%
HSV	196°, 31%, 79%
XYZ	38.6583, 44.4512, 62.4413
YIQ	173.1840, -32.8730, -4.4650

Conversions

Conversions Part 2

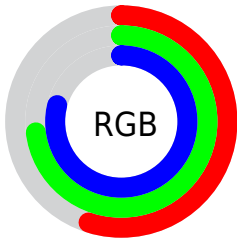
Format	Color
RYB	139, 166, 202
Decimal	9157066
CIELab	72.53, -11.13, -13.53
CIELCh	73, 17.519, 230.543
Yxy	44.4512, 0.2656, 0.3054
Android (android.graphics.Color)	4287347146 (0xFF8BB9CA)
YUV	173.1840, 14.2063, -29.9794
Hunter-Lab	66.6717, -13.1759, -8.8577

Details

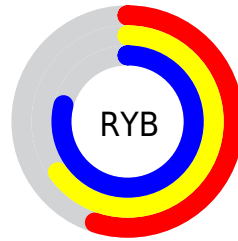
The Yxy color **44.4512, 0.2656, 0.3054** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2084, 0.3762, 0.3513**, and the grayscale version is **41.8269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5999, 0.2760, 0.3139**, and **20.6191, 0.2522, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **40.6317, 0.2516, 0.2965**, and if you desaturate by 10%, it is **48.6833, 0.2804, 0.3137**.

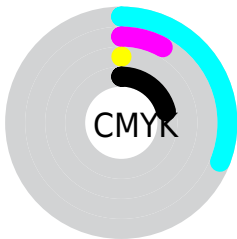
Distribution



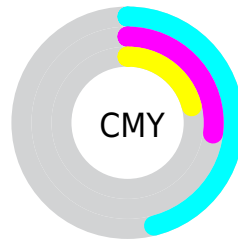
- Red (55%)
- Green (73%)
- Blue (79%)



- Red (55%)
- Yellow (65%)
- Blue (79%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (46%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4512, 0.2656, 0.3054 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 44.4512, 0.2656, 0.3054 by changing the saturation by 10% instead.

■ 44.4512, 0.2656,
0.3054

■ 44.4512, 0.2656,
0.3054

■ 364.5463, 0.2890,
0.3176

■ 31.0254, 0.2598,
0.3022

■ 81.8963, 0.2740,
0.3099

■ 20.6182, 0.2525,
0.2981

■ 106.6843, 0.2772,
0.3116

■ 12.8452, 0.2429,
0.2926

■ 136.0285, 0.2799,
0.3130

■ 7.3220, 0.2296,
0.2846

■ 170.3133, 0.2822,
0.3142

■ 3.6643, 0.2103,
0.2724

■ 209.9231, 0.2842,
0.3152

■ 1.4876, 0.1800,
0.2518

■ 255.2423, 0.2860,

■ 0.2800, 0.0000,

0.3161

0.1795

306.6552, 0.2876,
0.3169

0.0000, 0.0000,
0.0000

44.4512, 0.2656,
0.3054

44.4512, 0.2656,
0.3054

40.6317, 0.2516,
0.2965

48.6833, 0.2804,
0.3137

37.2008, 0.2386,
0.2871

53.3399, 0.2956,
0.3213

34.1398, 0.2271,
0.2773

58.4392, 0.3109,
0.3282

31.4259, 0.2173,
0.2672

63.9962, 0.3261,
0.3344

29.0335, 0.2093,
0.2571

70.0255, 0.3409,
0.3400

■ 26.9318, 0.2034,
0.2470

■ 75.5397, 0.3514,
0.3451

■ 25.2757, 0.1995,
0.2382

■ 78.4131, 0.3503,
0.3506

■ 81.3805, 0.3492,
0.3560

■ 84.4428, 0.3481,
0.3613

Harmonies

Analogous

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



44.4512, 0.2724, 0.3269



44.4512, 0.2656, 0.3054



44.4512, 0.2708, 0.2914

Triad

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



44.4512, 0.2656, 0.3054



44.4512, 0.3353, 0.3089



44.4512, 0.3379, 0.3732

Complementary

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



44.4512, 0.2656, 0.3054



38.2084, 0.3762, 0.3513

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.



44.4512, 0.3559, 0.3661



44.4512, 0.2656, 0.3054



44.4512, 0.3546, 0.3289

Square

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



44.4512, 0.2656, 0.3054



44.4512, 0.3103, 0.2941



44.4512, 0.3622, 0.3496



44.4512, 0.3135, 0.3676

Rectangle

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



44.4512, 0.2656, 0.3054



44.4512, 0.2805, 0.2878



44.4512, 0.3622, 0.3496



44.4512, 0.3449, 0.3722

Sweetspot

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



44.4530, 0.2656, 0.3054



92.0120, 0.2988, 0.3228



50.1393, 0.2974, 0.3950



19.4307, 0.2965, 0.3217



0.0000, 0.0000, 0.0000



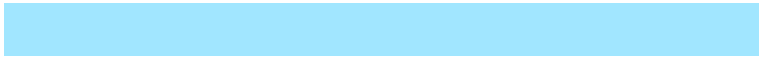
21.4041, 0.3127, 0.3290

Same Dimension

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



44.4530, 0.2656, 0.3054



71.0829, 0.2567, 0.2999



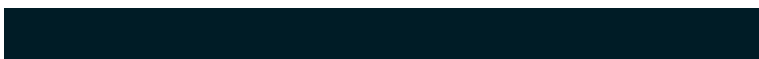
32.7651, 0.2603, 0.2599



12.1944, 0.2983, 0.3226



16.4122, 0.1999, 0.2396



0.9681, 0.2053, 0.2591

Inverse Universe

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



34.5256, 0.3329, 0.2714



52.3133, 0.3382, 0.2597



50.1037, 0.3645, 0.3896



11.3500, 0.3178, 0.3122



9.4598, 0.4027, 0.1992



0.5003, 0.3833, 0.1885

Previews

White Background



This preview shows how the Yxy color 44.4512, 0.2656, 0.3054 looks on a white background.

Color Contrast Check

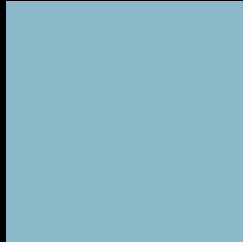
Large Text (above 18pt) WCAG AA × Fail

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 44.4512, 0.2656, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

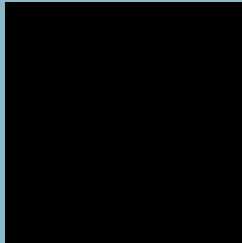
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4512, 0.2656, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 44.4512, 0.2656, 0.3054.



This preview shows how white text looks on a background with the Yxy color 44.4512, 0.2656, 0.3054.

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

44.4512, 0.2656, 0.3054

Protanopia

44.1502, 0.2961, 0.3028

Deuteranopia

44.2400, 0.2950, 0.2884



Tritanopia

44.3570, 0.2669, 0.3081

Trichromacy



Original Color

44.4512, 0.2656, 0.3054

Protanomaly

43.9988, 0.2843, 0.3035

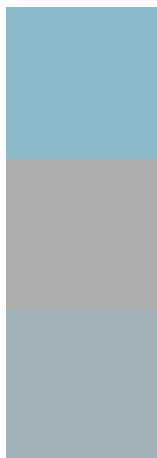
Deuteranomaly

43.9109, 0.2830, 0.2935

Tritanomaly

44.4039, 0.2663, 0.3068

Monochromacy



Original Color

44.4512, 0.2656, 0.3054

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4820, 0.2937, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4512, 0.2656, 0.3054 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(139, 185, 202)` looks like.

```
.text, #text, p{  
    color:rgb(139, 185, 202)  
}
```

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(139, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 185, 202) }
```

Border

The CSS property to change the border of an element to Yxy 44.4512, 0.2656, 0.3054 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(139, 185, 202) }
```

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

```
.border{ border-color:rgb(139, 185, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 185, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(139, 185,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4512, 0.2656, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 185, 202) }
```

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

```
.background{ background-color: rgb(139,  
185, 202) }
```

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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