

Converting Colors

$Y_{xy}(54.0560, 0.2532, 0.2980)$

Have a look what the booklet for
Yxy(54.0560, 0.2532, 0.2980)
contains.

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Color

Yxy(54.1055, 0.2530, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	89CCE4
RGB	137, 204, 228
RGB Percent	54%, 80%, 89%
CMY	0.4630, 0.1999, 0.1058
CMYK	0.40, 0.11, 0.00, 0.11
HSL	196°, 63%, 72%
HSV	196°, 40%, 89%
XYZ	45.9044, 54.1055, 81.4304
YIQ	186.7030, -47.6360, -6.7400

Conversions

Conversions Part 2

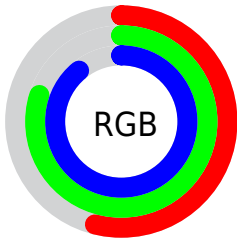
Format	Color
RYB	137, 176, 228
Decimal	9030884
CIELab	78.52, -15.14, -18.57
CIElCh	79, 23.956, 230.815
Yxy	54.1055, 0.2530, 0.2982
Android (android.graphics.Color)	4287220964 (0xFF89CCE4)
YUV	186.7030, 20.3594, -43.5895
Hunter-Lab	73.5564, -17.3272, -14.1473

Details

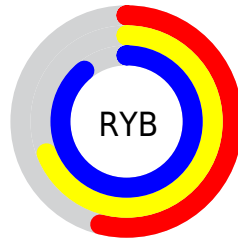
The Yxy color **54.1055, 0.2530, 0.2982** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.7614, 0.4020, 0.3573**, and the grayscale version is **49.4139, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2093, 0.2773, 0.3289**, and **26.6237, 0.2382, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **49.5805, 0.2399, 0.2890**, and if you desaturate by 10%, it is **59.1519, 0.2672, 0.3069**.

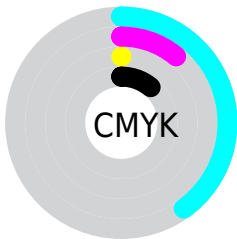
Distribution



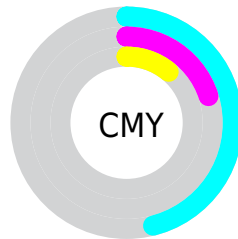
- Red (54%)
- Green (80%)
- Blue (89%)



- Red (54%)
- Yellow (69%)
- Blue (89%)



- Cyan (40%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1055, 0.2530, 0.2982 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 54.1055, 0.2530, 0.2982 by changing the saturation by 10% instead.

■ 54.1055, 0.2530,
0.2982

■ 54.1055, 0.2530,
0.2982

402.5122, 0.2814,
0.3137

■ 38.6860, 0.2463,
0.2944

■ 96.2291, 0.2630,
0.3038

■ 26.5156, 0.2380,
0.2895

■ 123.7021, 0.2669,
0.3059

■ 17.2097, 0.2274,
0.2830

■ 155.9616, 0.2702,
0.3077

■ 10.3841, 0.2134,
0.2741

193.3921, 0.2730,
0.3092

■ 5.6544, 0.1940,
0.2612

236.3781, 0.2755,
0.3106

■ 2.6361, 0.1661,
0.2411

285.3038, 0.2777,

■ 0.9448, 0.1162,

0.3117

0.2082

340.5537, 0.2797,
0.3128

0.0000, 0.0000,
0.0000

54.1055, 0.2530,
0.2982

54.1055, 0.2530,
0.2982

49.5805, 0.2399,
0.2890

59.1519, 0.2672,
0.3069

45.5434, 0.2283,
0.2794

64.7383, 0.2821,
0.3149

41.9663, 0.2183,
0.2696

70.8896, 0.2974,
0.3223

38.8151, 0.2103,
0.2596

77.6274, 0.3128,
0.3290

36.0491, 0.2043,
0.2497

84.9719, 0.3281,
0.3351

■ 33.5997, 0.2000,
0.2400

■ 89.2150, 0.3302,
0.3409

■ 33.5876, 0.2000,
0.2399

■ 92.8115, 0.3295,
0.3467

■ 96.5261, 0.3289,
0.3524

■ 98.3821, 0.3286,
0.3552

Harmonies

Analogous

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



54.1055, 0.2612, 0.3257



54.1055, 0.2530, 0.2982



54.1055, 0.2596, 0.2810

Triad

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



54.1055, 0.2530, 0.2982



54.1055, 0.3419, 0.3037



54.1055, 0.3443, 0.3860

Complementary

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



54.1055, 0.2530, 0.2982



43.7614, 0.4020, 0.3573

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.



54.1055, 0.3678, 0.3763



54.1055, 0.2530, 0.2982



54.1055, 0.3667, 0.3286

Square

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



54.1055, 0.2530, 0.2982



54.1055, 0.3097, 0.2851



54.1055, 0.3763, 0.3549



54.1055, 0.3131, 0.3789

Rectangle

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



54.1055, 0.2530, 0.2982



54.1055, 0.2718, 0.2767



54.1055, 0.3763, 0.3549



54.1055, 0.3534, 0.3844

Sweetspot

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



54.1076, 0.2530, 0.2982



89.6155, 0.2941, 0.3208



63.3327, 0.2944, 0.4202



18.9538, 0.2921, 0.3199



0.0000, 0.0000, 0.0000



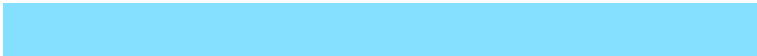
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1076, 0.2530, 0.2982



64.8192, 0.2420, 0.2906



35.9503, 0.2436, 0.2378



15.6601, 0.2981, 0.3227



19.5957, 0.2004, 0.2414



1.5976, 0.2044, 0.2557

Inverse Universe

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



38.7260, 0.3400, 0.2540



43.2403, 0.3477, 0.2392



62.0774, 0.3816, 0.4057



14.5470, 0.3178, 0.3118



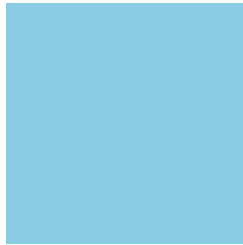
11.1759, 0.4009, 0.1982



0.8410, 0.3866, 0.1903

Previews

White Background



This preview shows how the Yxy color 54.1055, 0.2530, 0.2982 looks on a white background.

Color Contrast Check

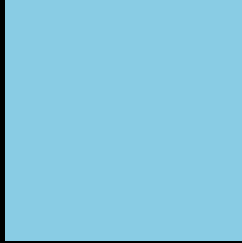
Large Text (above 18pt) WCAG AA × Fail

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 54.1055, 0.2530, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

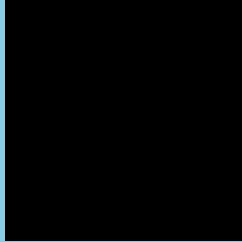
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

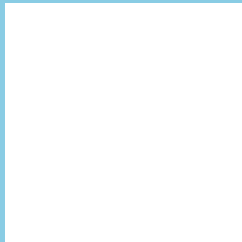
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.1055, 0.2530, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 54.1055, 0.2530, 0.2982.



This preview shows how white text looks on a background with the Yxy color 54.1055, 0.2530, 0.2982.

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

54.1055, 0.2530, 0.2982

Protanopia

53.6854, 0.2903, 0.2954

Deuteranopia

53.6340, 0.2864, 0.2800



Tritanopia

54.0875, 0.2553, 0.3068

Trichromacy



Original Color

54.1055, 0.2530, 0.2982

Protanomaly

53.3536, 0.2750, 0.2956

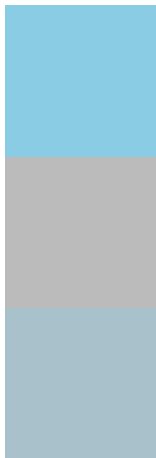
Deuteranomaly

53.1810, 0.2725, 0.2852

Tritanomaly

54.2787, 0.2548, 0.3044

Monochromacy



Original Color

54.1055, 0.2530, 0.2982

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.8392, 0.2877, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1055, 0.2530, 0.2982 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(137, 204, 228)` looks like.

```
.text, #text, p{  
    color:rgb(137, 204, 228)  
}
```

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(137, 204, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 204, 228) }
```

Border

The CSS property to change the border of an element to Yxy 54.1055, 0.2530, 0.2982 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(137, 204, 228) }
```

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

```
.border{ border-color:rgb(137, 204, 228) }
```

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

Here you see how a box with a 4 pixel rgb(137, 204, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 204, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 204, 228);  
box-shadow:4px 4px 4px 4px rgb(137, 204,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1055, 0.2530, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 204, 228) }
```

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

```
.background{ background-color: rgb(137,  
204, 228) }
```

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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