

Converting Colors

$Yxy(52.7404, 0.2734, 0.3468)$

Have a look what the booklet for
Yxy(52.7404, 0.2734, 0.3468)
contains.

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Color

Yxy(52.7868, 0.2735, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	89CDC0
RGB	137, 205, 192
RGB Percent	54%, 80%, 75%
CMY	0.4630, 0.1960, 0.2471
CMYK	0.33, 0.00, 0.06, 0.20
HSL	169°, 41%, 67%
HSV	169°, 33%, 80%
XYZ	41.6538, 52.7868, 57.8584
YIQ	183.1860, -36.3550, -18.4590

Conversions

Conversions Part 2

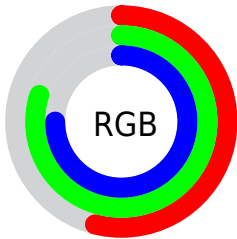
Format	Color
RYB	137, 175, 205
Decimal	9031104
CIELab	77.75, -24.30, -0.36
CIELCh	78, 24.304, 180.843
Yxy	52.7868, 0.2735, 0.3466
Android (android.graphics.Color)	4287221184 (0xFF89CDC0)
YUV	183.1860, 4.3453, -40.5051
Hunter-Lab	72.6545, -24.8091, 3.6426

Details

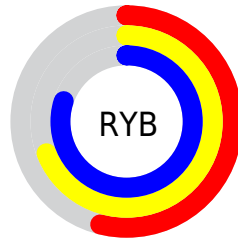
The Yxy color **52.7868, 0.2735, 0.3466** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.0558, 0.3745, 0.3124**, and the grayscale version is **47.4456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5038, 0.2797, 0.3363**, and **25.8821, 0.2631, 0.3513** is the 20% darker color. If you saturate the color by 10%, you get **51.0473, 0.2639, 0.3528**, and if you desaturate by 10%, it is **54.8644, 0.2844, 0.3408**.

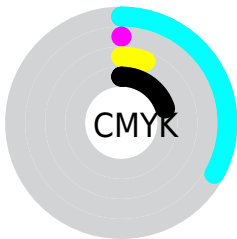
Distribution



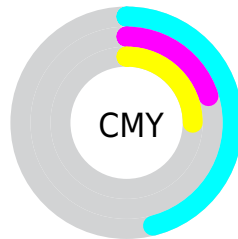
- Red (54%)
- Green (80%)
- Blue (75%)



- Red (54%)
- Yellow (69%)
- Blue (80%)



- Cyan (33%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)



- Cyan (46%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7868, 0.2735, 0.3466 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 52.7868, 0.2735, 0.3466 by changing the saturation by 10% instead.

■ 52.7868, 0.2735,
0.3466

■ 52.7868, 0.2735,
0.3466

■ 397.4666, 0.2926,
0.3380

■ 37.6326, 0.2689,
0.3487

■ 94.2906, 0.2803,
0.3435

■ 25.6977, 0.2630,
0.3513

■ 121.4089, 0.2829,
0.3424

■ 16.5976, 0.2553,
0.3547

■ 153.2841, 0.2852,
0.3414

■ 9.9480, 0.2449,
0.3593

■ 190.3006, 0.2871,
0.3405

■ 5.3645, 0.2299,
0.3659

■ 232.8427, 0.2887,
0.3398

■ 2.4627, 0.2066,
0.3762

■ 281.2948, 0.2902,

■ 0.8579, 0.1089,

0.3391

0.4207

336.0413, 0.2915,
0.3386

0.0000, 0.0000,
0.0000

52.7868, 0.2735,
0.3466

52.7868, 0.2735,
0.3466

51.0473, 0.2639,
0.3528

54.8644, 0.2844,
0.3408

49.6206, 0.2558,
0.3593

57.2908, 0.2962,
0.3354

48.4883, 0.2494,
0.3661


60.0844, 0.3086,
0.3305

47.6274, 0.2449,
0.3730


63.2601, 0.3215,
0.3260


47.0112, 0.2424,
0.3800

66.8321, 0.3345,
0.3221

 46.6076, 0.2418,
0.3869

 69.8636, 0.3437,
0.3184

 46.4162, 0.2421,
0.3916

 70.0682, 0.3407,
0.3144

 70.2778, 0.3378,
0.3105

 70.4923, 0.3348,
0.3066

Harmonies

Analogous

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



52.7868, 0.3022, 0.3738



52.7868, 0.2735, 0.3466



52.7868, 0.2556, 0.3153

Triad

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



52.7868, 0.2735, 0.3466



52.7868, 0.2885, 0.2771



52.7868, 0.3769, 0.3636

Complementary

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



52.7868, 0.2735, 0.3466



33.0558, 0.3745, 0.3124

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.



52.7868, 0.3733, 0.3377



52.7868, 0.2735, 0.3466



52.7868, 0.3208, 0.2895

Square

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



52.7868, 0.2735, 0.3466



52.7868, 0.2640, 0.2770



52.7868, 0.3523, 0.3111



52.7868, 0.3624, 0.3823

Rectangle

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



52.7868, 0.2735, 0.3466



52.7868, 0.2517, 0.2974



52.7868, 0.3523, 0.3111



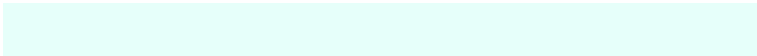
52.7868, 0.3778, 0.3554

Sweetspot

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



52.7889, 0.2735, 0.3466



95.1702, 0.2999, 0.3338



52.0113, 0.3182, 0.4240



20.2359, 0.2982, 0.3346



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.



52.7889, 0.2735, 0.3466



84.3188, 0.2663, 0.3511



44.2493, 0.2623, 0.3008



12.6888, 0.3008, 0.3335



28.9041, 0.2418, 0.3906



1.5008, 0.2381, 0.3771

Inverse Universe

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



33.0558, 0.3745, 0.3124



47.0407, 0.3946, 0.3087



39.0221, 0.3808, 0.3554



11.2482, 0.3260, 0.3246



8.1827, 0.6081, 0.3123



0.4329, 0.5545, 0.2828

Previews

White Background



This preview shows how the Yxy color 52.7868, 0.2735, 0.3466 looks on a white background.

Color Contrast Check

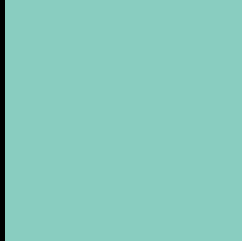
Large Text (above 18pt) WCAG AA × Fail

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 52.7868, 0.2735, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

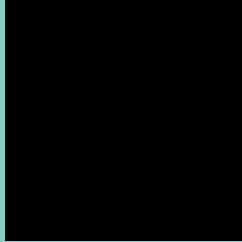
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

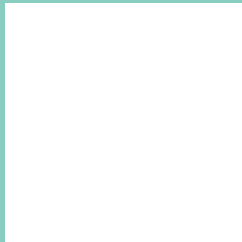
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7868, 0.2735, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 52.7868, 0.2735, 0.3466.

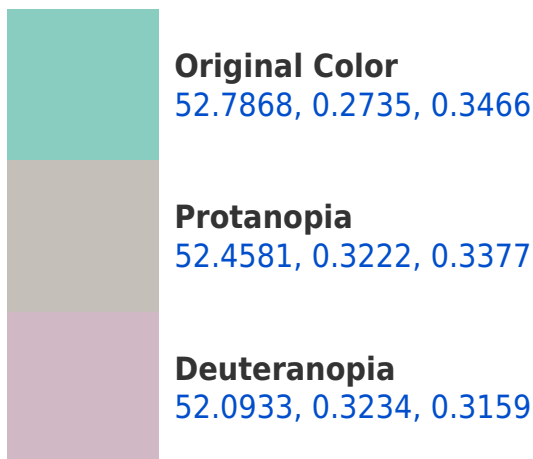


This preview shows how white text looks on a background with the Yxy color 52.7868, 0.2735, 0.3466.

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





Tritanopia

52.6227, 0.2619, 0.3081

Trichromacy



Original Color

52.7868, 0.2735, 0.3466

Protanomaly

52.1817, 0.3028, 0.3406

Deuteranomaly

51.5845, 0.3025, 0.3252

Tritanomaly

52.4578, 0.2661, 0.3209

Monochromacy



Original Color

52.7868, 0.2735, 0.3466

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.9138, 0.2965, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7868, 0.2735, 0.3466 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, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(137, 205, 192)  
}
```

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, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 205, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.7868, 0.2735, 0.3466 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, 205, 192) }
```

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

```
.border{ border-color:rgb(137, 205, 192) }
```

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

Here you see how a box with a 4 pixel rgb(137, 205, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(137, 205,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7868, 0.2735, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 205, 192) }
```

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

```
.background{ background-color: rgb(137,  
205, 192) }
```

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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