

Converting Colors

$Y_{xy}(54.3231, 0.2595, 0.3621)$

Have a look what the booklet for
Yxy(54.3231, 0.2595, 0.3621)
contains.

Yxy(54.3268, 0.2598, 0.3626)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3268, 0.2598, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	6AD5BD
RGB	106, 213, 189
RGB Percent	42%, 84%, 74%
CMY	0.5842, 0.1647, 0.2588
CMYK	0.50, 0.00, 0.11, 0.16
HSL	167°, 56%, 63%
HSV	167°, 50%, 84%
XYZ	38.9247, 54.3268, 56.5742
YIQ	178.2710, -56.0680, -30.1480

Conversions

Conversions Part 2

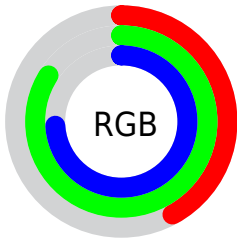
Format	Color
RYB	106, 166, 213
Decimal	7001533
CIELab	78.65, -36.68, 2.41
CIElCh	79, 36.755, 176.246
Yxy	54.3268, 0.2598, 0.3626
Android (android.graphics.Color)	4285191613 (0xFF6AD5BD)
YUV	178.2710, 5.2894, -63.3817
Hunter-Lab	73.7067, -34.7204, 6.0862

Details

The Yxy color **54.3268, 0.2598, 0.3626** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.0725, 0.4213, 0.2999**, and the grayscale version is **44.6695, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0051, 0.2670, 0.3400**, and **26.7449, 0.2456, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **52.9775, 0.2532, 0.3706**, and if you desaturate by 10%, it is **56.0113, 0.2681, 0.3549**.

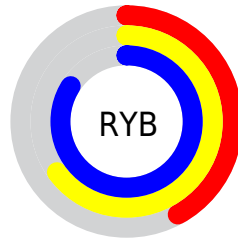
Distribution



Red (42%)

Green (84%)

Blue (74%)



Red (42%)

Yellow (65%)

Blue (84%)

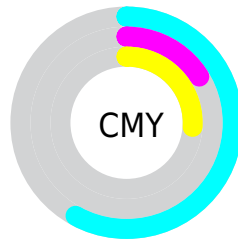


Cyan (50%)

Magenta (0%)

Yellow (11%)

Black (16%)



Cyan (58%)

Magenta (16%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3268, 0.2598, 0.3626 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 54.3268, 0.2598, 0.3626 by changing the saturation by 10% instead.


 54.3268, 0.2598,
0.3626


 54.3268, 0.2598,
0.3626


403.3550, 0.2855,
0.3461

 38.8630, 0.2536,
0.3666


 96.5539, 0.2690,
0.3567


 26.6532, 0.2458,
0.3717


 124.0860, 0.2725,
0.3544

 17.3129, 0.2356,
0.3785

 156.4097, 0.2755,
0.3525

 10.4578, 0.2218,
0.3877

 193.9092, 0.2780,
0.3509

 5.7036, 0.2021,
0.4010

236.9692, 0.2803,
0.3494

 2.6657, 0.1722,
0.4218

285.9738, 0.2822,

 0.9598, 0.0081,

0.3482

0.5189

341.3076, 0.2840,
0.3471

■ 0.0000, 0.0000,
0.0000

■ 54.3268, 0.2598,
0.3626

■ 54.3268, 0.2598,
0.3626

■ 52.9775, 0.2532,
0.3706

■ 56.0113, 0.2681,
0.3549

■ 51.9324, 0.2484,
0.3788

■ 58.0467, 0.2778,
0.3477

■ 51.1657, 0.2456,
0.3871

■ 60.4550, 0.2886,
0.3410

■ 50.6443, 0.2447,
0.3954


■ 63.2548, 0.3003,
0.3348

■ 50.3132, 0.2454,
0.4034

■ 66.4636, 0.3124,
0.3291

 70.0975, 0.3249,
0.3241

 74.1477, 0.3374,
0.3195

 74.4084, 0.3339,
0.3148

 74.6764, 0.3305,
0.3100

Harmonies

Analogous

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



54.3268, 0.3032, 0.4030



54.3268, 0.2598, 0.3626



54.3268, 0.2317, 0.3139

Triad

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



54.3268, 0.2598, 0.3626



54.3268, 0.2699, 0.2526



54.3268, 0.4099, 0.3724

Complementary

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



54.3268, 0.2598, 0.3626



26.0725, 0.4213, 0.2999

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.



54.3268, 0.4007, 0.3339



54.3268, 0.2598, 0.3626



54.3268, 0.3164, 0.2680

Square

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



54.3268, 0.2598, 0.3626



54.3268, 0.2374, 0.2542



54.3268, 0.3653, 0.2969



54.3268, 0.3909, 0.4041

Rectangle

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



54.3268, 0.2598, 0.3626



54.3268, 0.2242, 0.2861



54.3268, 0.3653, 0.2969



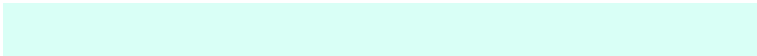
54.3268, 0.4101, 0.3599

Sweetspot

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



54.3289, 0.2598, 0.3626



92.9128, 0.2944, 0.3377



53.4547, 0.3213, 0.4803



19.6981, 0.2920, 0.3391



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.



54.3289, 0.2598, 0.3626



79.5473, 0.2529, 0.3709



42.3486, 0.2397, 0.2884



14.0579, 0.3012, 0.3343



30.7490, 0.2451, 0.4022



1.8666, 0.2411, 0.3880

Inverse Universe

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



26.0725, 0.4213, 0.2999



32.5499, 0.4585, 0.2958



32.3910, 0.4347, 0.3644



12.4660, 0.3256, 0.3238



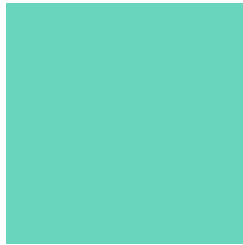
8.7833, 0.5994, 0.3076



0.5425, 0.5501, 0.2804

Previews

White Background



This preview shows how the Yxy color 54.3268, 0.2598, 0.3626 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 54.3268, 0.2598, 0.3626 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

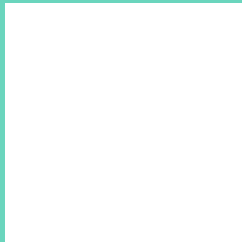
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3268, 0.2598, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 54.3268, 0.2598, 0.3626.



This preview shows how white text looks on a background with the Yxy color 54.3268, 0.2598, 0.3626.

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

54.3268, 0.2598, 0.3626

Protanopia

53.6336, 0.3299, 0.3475

Deuteranopia

53.2846, 0.3273, 0.3208



Tritanopia

54.3299, 0.2453, 0.3065

Trichromacy



Original Color

54.3268, 0.2598, 0.3626



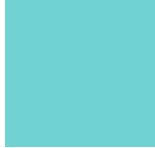
Protanomaly

52.7929, 0.2994, 0.3527



Deuteranomaly

52.1699, 0.2977, 0.3341



Tritanomaly

54.3574, 0.2504, 0.3261

Monochromacy



Original Color

54.3268, 0.2598, 0.3626



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

47.3144, 0.2887, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3268, 0.2598, 0.3626 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(106, 213, 189)` looks like.

```
.text, #text, p{  
    color:rgb(106, 213, 189)  
}
```

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(106, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 213, 189) }
```

Border

The CSS property to change the border of an element to Yxy 54.3268, 0.2598, 0.3626 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(106, 213, 189) }
```

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

```
.border{ border-color:rgb(106, 213, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 213, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 213, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 213, 189); box-shadow:4px 4px 4px 4px rgb(106, 213, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3268, 0.2598, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 213, 189) }
```

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

```
.background{ background-color: rgb(106,  
213, 189) }
```

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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