

Converting Colors

$Yxy(30.8380, 0.2534, 0.3559)$

Have a look what the booklet for
Yxy(30.8380, 0.2534, 0.3559)
contains.

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Color

Yxy(30.9303, 0.2538, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	4AA696
RGB	74, 166, 150
RGB Percent	29%, 65%, 59%
CMY	0.7094, 0.3490, 0.4118
CMYK	0.55, 0.00, 0.10, 0.35
HSL	170°, 38%, 47%
HSV	170°, 55%, 65%
XYZ	21.9706, 30.9303, 33.6658
YIQ	136.6680, -49.6960, -24.4800

Conversions

Conversions Part 2

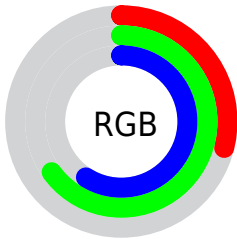
Format	Color
RYB	74, 124, 166
Decimal	4892310
CIELab	62.45, -31.28, 0.02
CIElCh	62, 31.283, 179.971
Yxy	30.9303, 0.2538, 0.3573
Android (android.graphics.Color)	4283082390 (0xFF4AA696)
YUV	136.6680, 6.5727, -54.9598
Hunter-Lab	55.6150, -26.8101, 3.0401

Details

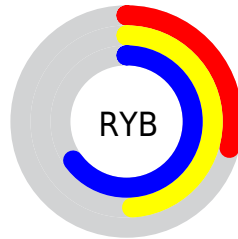
The Yxy color **30.9303, 0.2538, 0.3573** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.7567, 0.4443, 0.3052**, and the grayscale version is **24.8829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3480, 0.2655, 0.3524**, and **12.7111, 0.2351, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **30.2644, 0.2476, 0.3633**, and if you desaturate by 10%, it is **31.7748, 0.2617, 0.3515**.

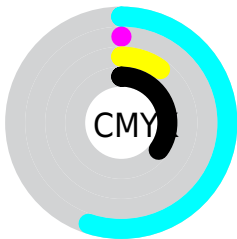
Distribution



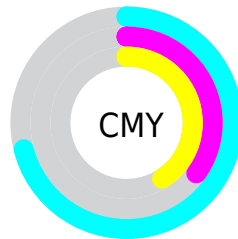
- Red (29%)
- Green (65%)
- Blue (59%)



- Red (29%)
- Yellow (49%)
- Blue (65%)



- Cyan (55%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)





- Cyan (71%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9303, 0.2538, 0.3573 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 30.9303, 0.2538, 0.3573 by changing the saturation by 10% instead.


 30.9303, 0.2538,
0.3573


 30.9303, 0.2538,
0.3573

306.2171, 0.2851,
0.3423

 20.5458, 0.2454,
0.3613


 61.1303, 0.2656,
0.3516

 12.7924, 0.2342,
0.3667


 81.7146, 0.2699,
0.3496


 7.2857, 0.2186,
0.3742


 106.4676, 0.2735,
0.3478

 3.6414, 0.1955,
0.3853

 135.7737, 0.2765,
0.3464

 1.4751, 0.1506,
0.4068

 170.0173, 0.2791,
0.3451

 0.2711, 0.0000,
0.4797

209.5828, 0.2814,

 0.0000, 0.0000,

0.3441

0.0000

254.8546, 0.2833,
0.3431

■ 30.9303, 0.2538,
0.3573

■ 30.9303, 0.2538,
0.3573

■ 30.2644, 0.2476,
0.3633

■ 31.7748, 0.2617,
0.3515

■ 29.7595, 0.2433,
0.3695

■ 32.8068, 0.2711,
0.3459

■ 29.4007, 0.2409,
0.3757

■ 34.0387, 0.2818,
0.3406

■ 29.1673, 0.2402,
0.3818

■ 35.4812, 0.2935,
0.3357

■ 29.0789, 0.2402,
0.3846

■ 37.1438, 0.3059,
0.3312

■ 39.0357, 0.3187,
0.3272

■ 41.1654, 0.3318,
0.3235

■ 43.5411, 0.3449,
0.3203

■ 46.1705, 0.3578,
0.3174

Harmonies

Analogous

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



30.9303, 0.2968, 0.4012



30.9303, 0.2538, 0.3573



30.9303, 0.2275, 0.3076

Triad

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



30.9303, 0.2538, 0.3573



30.9303, 0.2741, 0.2518



30.9303, 0.4115, 0.3780

Complementary

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



30.9303, 0.2538, 0.3573



13.7567, 0.4443, 0.3052

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.



30.9303, 0.4059, 0.3389



30.9303, 0.2538, 0.3573



30.9303, 0.3228, 0.2695

Square

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



30.9303, 0.2538, 0.3573



30.9303, 0.2386, 0.2511



30.9303, 0.3724, 0.3004



30.9303, 0.3888, 0.4090

Rectangle

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



30.9303, 0.2538, 0.3573



30.9303, 0.2217, 0.2804



30.9303, 0.3724, 0.3004



30.9303, 0.4130, 0.3653

Sweetspot

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



30.9315, 0.2538, 0.3573



63.8585, 0.2911, 0.3366



29.9869, 0.3174, 0.4961



14.1747, 0.2889, 0.3376



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.9315, 0.2538, 0.3573



54.7400, 0.2467, 0.3645



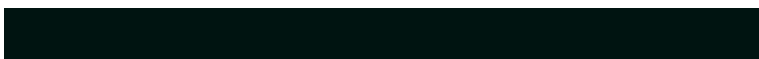
22.0735, 0.2329, 0.2757



8.5093, 0.3009, 0.3330



22.5576, 0.2400, 0.3841



0.5545, 0.2344, 0.3638

Inverse Universe

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



13.7567, 0.4443, 0.3052



20.4634, 0.4914, 0.3029



18.3419, 0.4450, 0.3739



7.5628, 0.3259, 0.3251



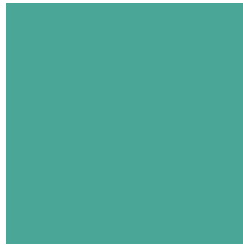
6.3600, 0.6105, 0.3137



0.1607, 0.5330, 0.2710

Previews

White Background



This preview shows how the Yxy color 30.9303, 0.2538, 0.3573 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 30.9303, 0.2538, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

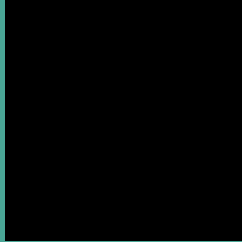
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9303, 0.2538, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 30.9303, 0.2538, 0.3573.



This preview shows how white text looks on a background with the Yxy color 30.9303, 0.2538, 0.3573.

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

30.9303, 0.2538, 0.3573

Protanopia

30.3865, 0.3267, 0.3415

Deuteranopia

30.3704, 0.3228, 0.3156



Tritanopia

30.7748, 0.2417, 0.3071

Trichromacy



Original Color

30.9303, 0.2538, 0.3573

Protanomaly

29.8919, 0.2946, 0.3473

Deuteranomaly

29.9077, 0.2915, 0.3289

Tritanomaly

30.6530, 0.2459, 0.3237

Monochromacy



Original Color

30.9303, 0.2538, 0.3573

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

26.7102, 0.2848, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9303, 0.2538, 0.3573 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(74, 166, 150)` looks like.

```
.text, #text, p{  
    color:rgb(74, 166, 150)  
}
```

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(74, 166, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 166, 150) }
```

Border

The CSS property to change the border of an element to Yxy 30.9303, 0.2538, 0.3573 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(74, 166, 150) }
```

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

```
.border{ border-color:rgb(74, 166, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 166, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 166, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 166, 150);  
box-shadow:4px 4px 4px 4px rgb(74, 166,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9303, 0.2538, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 166, 150) }
```

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

```
.background{ background-color: rgb(74, 166,  
150) }
```

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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