

Converting Colors

$Yxy(26.1983, 0.2339, 0.3555)$

Have a look what the booklet for
Yxy(26.1983, 0.2339, 0.3555)
contains.

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Color

$\text{Yxy}(26.2073, 0.2342, 0.3562)$

Conversions

Conversions Part 1

Format	Color
Hex	109D8F
RGB	16, 157, 143
RGB Percent	6%, 62%, 56%
CMY	0.9364, 0.3843, 0.4392
CMYK	0.90, 0.00, 0.09, 0.38
HSL	174°, 81%, 34%
HSV	174°, 90%, 62%
XYZ	17.2312, 26.2073, 30.1362
YIQ	113.2450, -79.5420, -34.2460

Conversions

Conversions Part 2

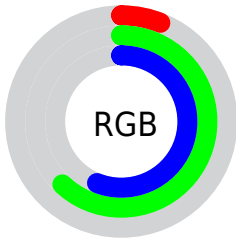
Format	Color
RYB	16, 90, 157
Decimal	1088911
CIELab	58.23, -36.99, -2.35
CIELCh	58, 37.061, 183.636
Yxy	26.2073, 0.2342, 0.3562
Android (android.graphics.Color)	4279278991 (0xFF109D8F)
YUV	113.2450, 14.6692, -85.2839
Hunter-Lab	51.1931, -29.5061, 0.9325

Details

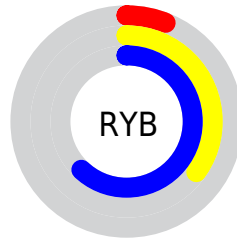
The Yxy color **26.2073, 0.2342, 0.3562** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.6401, 0.5988, 0.3192**, and the grayscale version is **16.5840, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4979, 0.2501, 0.3500**, and **10.8935, 0.2342, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **26.0525, 0.2333, 0.3595**, and if you desaturate by 10%, it is **26.4497, 0.2365, 0.3529**.

Distribution



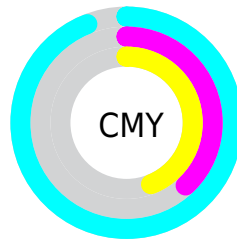
- Red (6%)
- Green (62%)
- Blue (56%)



- Red (6%)
- Yellow (35%)
- Blue (62%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)




- Cyan (94%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2073, 0.2342, 0.3562 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 26.2073, 0.2342, 0.3562 by changing the saturation by 10% instead.


 26.2073, 0.2342,
0.3562


 26.2073, 0.2342,
0.3562


283.7982, 0.2766,
0.3418

 16.9788, 0.2225,
0.3600


 53.6092, 0.2504,
0.3508


 10.2194, 0.2069,
0.3650


 72.5513, 0.2562,
0.3488


 5.5446, 0.1850,
0.3717

 95.5002, 0.2611,
0.3472

 2.5702, 0.1524,
0.3811

 122.8401, 0.2652,
0.3458

 0.9117, 0.0000,
0.4380

 154.9554, 0.2686,
0.3446

 0.0000, 0.0000,
0.0000

 192.2306, 0.2717,

0.3436

235.0501, 0.2743,
0.3426

■ 26.2073, 0.2342,
0.3562

■ 26.2073, 0.2342,
0.3562

■ 26.0525, 0.2333,
0.3595

■ 26.4497, 0.2365,
0.3529

■ 26.0476, 0.2332,
0.3596

■ 26.8114, 0.2406,
0.3495

■ 27.3086, 0.2465,
0.3462

■ 27.9541, 0.2543,
0.3429

■ 28.7593, 0.2637,
0.3398

■ 29.7344, 0.2745,
0.3368

■ 30.8888, 0.2866,
0.3339

■ 32.2313, 0.2995,
0.3313

■ 33.7700, 0.3132,
0.3289

Harmonies

Analogous

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



26.2073, 0.2845, 0.4159



26.2073, 0.2342, 0.3562



26.2073, 0.2061, 0.2939

Triad

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



26.2073, 0.2342, 0.3562



26.2073, 0.2710, 0.2366



26.2073, 0.4338, 0.3926

Complementary

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



26.2073, 0.2342, 0.3562



7.6401, 0.5988, 0.3192

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.



26.2073, 0.4324, 0.3452



26.2073, 0.2342, 0.3562



26.2073, 0.3326, 0.2602

Square

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



26.2073, 0.2342, 0.3562



26.2073, 0.2258, 0.2324



26.2073, 0.3940, 0.2985



26.2073, 0.4005, 0.4308

Rectangle

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



26.2073, 0.2342, 0.3562



26.2073, 0.2015, 0.2625



26.2073, 0.3940, 0.2985



26.2073, 0.4376, 0.3772

Sweetspot

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



26.2083, 0.2342, 0.3562



53.6692, 0.2770, 0.3361



24.4317, 0.3047, 0.5863



11.6773, 0.2734, 0.3370



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.2083, 0.2342, 0.3562



46.6345, 0.2334, 0.3603



11.7935, 0.1940, 0.2094



7.4981, 0.3001, 0.3312



21.1593, 0.2332, 0.3594



0.3813, 0.2294, 0.3460

Inverse Universe

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



7.6401, 0.5988, 0.3192



12.8889, 0.6295, 0.3241



11.9102, 0.5415, 0.3944



6.6563, 0.3269, 0.3268



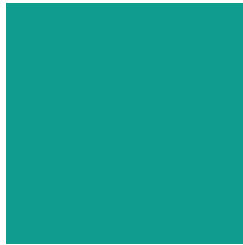
5.8541, 0.6256, 0.3220



0.1074, 0.5667, 0.2895

Previews

White Background



This preview shows how the Yxy color 26.2073, 0.2342, 0.3562 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2073, 0.2342, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

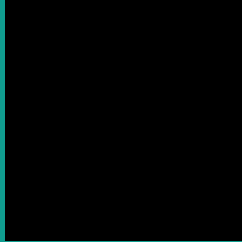
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2073, 0.2342, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 26.2073, 0.2342, 0.3562.



This preview shows how white text looks on a background with the Yxy color 26.2073, 0.2342, 0.3562.

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

26.2073, 0.2342, 0.3562

Protanopia

25.7101, 0.3234, 0.3373

Deuteranopia

25.8556, 0.3148, 0.3083



Tritanopia

26.3358, 0.2255, 0.3068

Trichromacy



Original Color

26.2073, 0.2342, 0.3562



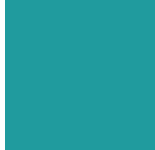
Protanomaly

24.5983, 0.2735, 0.3438



Deuteranomaly

24.4869, 0.2691, 0.3234



Tritanomaly

26.2184, 0.2279, 0.3231

Monochromacy



Original Color

26.2073, 0.2342, 0.3562



Achromatopsia

16.5132, 0.3127, 0.3290



Achromatomaly

18.7755, 0.2644, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2073, 0.2342, 0.3562 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(16, 157, 143)` looks like.

```
.text, #text, p{  
    color:rgb(16, 157, 143)  
}
```

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(16, 157, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 157, 143) }
```

Border

The CSS property to change the border of an element to Yxy 26.2073, 0.2342, 0.3562 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(16, 157, 143) }
```

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

```
.border{ border-color:rgb(16, 157, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 157, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 157, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 157, 143);  
box-shadow:4px 4px 4px 4px rgb(16, 157,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2073, 0.2342, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 157, 143) }
```

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

```
.background{ background-color: rgb(16, 157,  
143) }
```

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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