

Converting Colors

$Yxy(25.3308, 0.2405, 0.3494)$

Have a look what the booklet for
Yxy(25.3308, 0.2405, 0.3494)
contains.

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Color

Yxy(25.3163, 0.2407, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	2E998E
RGB	46, 153, 142
RGB Percent	18%, 60%, 56%
CMY	0.8201, 0.3999, 0.4432
CMYK	0.70, 0.00, 0.07, 0.40
HSL	174°, 54%, 39%
HSV	174°, 70%, 60%
XYZ	17.3955, 25.3163, 29.5586
YIQ	119.7530, -60.2410, -26.1050

Conversions

Conversions Part 2

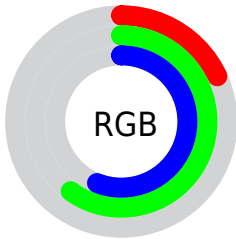
Format	Color
RYB	46, 102, 153
Decimal	3053966
CIELab	57.38, -32.42, -2.98
CIElCh	57, 32.559, 185.250
Yxy	25.3163, 0.2407, 0.3503
Android (android.graphics.Color)	4281244046 (0xFF2E998E)
YUV	119.7530, 10.9678, -64.6814
Hunter-Lab	50.3153, -26.3391, 0.3898

Details

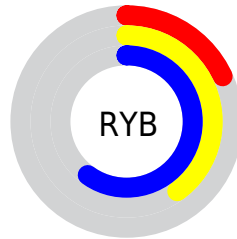
The Yxy color **25.3163, 0.2407, 0.3503** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9.0115, 0.5178, 0.3143**, and the grayscale version is **18.6670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2231, 0.2554, 0.3457**, and **10.0801, 0.2320, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **24.9772, 0.2367, 0.3538**, and if you desaturate by 10%, it is **25.7846, 0.2466, 0.3469**.

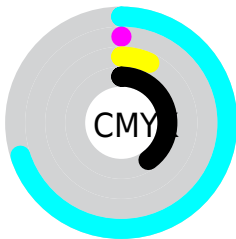
Distribution



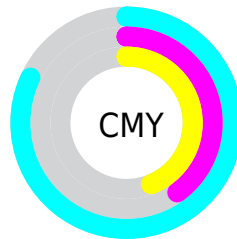
- Red (18%)
- Green (60%)
- Blue (56%)



- Red (18%)
- Yellow (40%)
- Blue (60%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)





- Cyan (82%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3163, 0.2407, 0.3503 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 25.3163, 0.2407, 0.3503 by changing the saturation by 10% instead.


 25.3163, 0.2407,
0.3503


 25.3163, 0.2407,
0.3503


279.4095, 0.2798,
0.3391


 16.3129, 0.2298,
0.3532


 52.1699, 0.2557,
0.3461


 9.7458, 0.2152,
0.3571


 70.7888, 0.2611,
0.3446


 5.2308, 0.1944,
0.3622

 93.3817, 0.2656,
0.3433

 2.3833, 0.1631,
0.3692

 120.3330, 0.2693,
0.3422

 0.8173, 0.0000,
0.4253

 152.0270, 0.2725,
0.3413

 0.0000, 0.0000,
0.0000

188.8482, 0.2753,

0.3405

231.1809, 0.2777,
0.3397

■ 25.3163, 0.2407,
0.3503

■ 25.3163, 0.2407,
0.3503

■ 24.9772, 0.2367,
0.3538

■ 25.7846, 0.2466,
0.3469

■ 24.7501, 0.2345,
0.3572

■ 26.3912, 0.2542,
0.3435

■ 24.6008, 0.2335,
0.3607

■ 27.1479, 0.2635,
0.3402

■ 28.0642, 0.2743,
0.3371

■ 29.1491, 0.2862,
0.3342

■ 30.4108, 0.2991,
0.3315

■ 31.8569, 0.3127,
0.3290

■ 33.4946, 0.3266,
0.3268

■ 35.3307, 0.3408,
0.3248

Harmonies

Analogous

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



25.3163, 0.2853, 0.4030



25.3163, 0.2407, 0.3503



25.3163, 0.2161, 0.2959

Triad

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



25.3163, 0.2407, 0.3503



25.3163, 0.2784, 0.2463



25.3163, 0.4200, 0.3893

Complementary

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



25.3163, 0.2407, 0.3503



9.0115, 0.5178, 0.3143

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.



25.3163, 0.4200, 0.3469



25.3163, 0.2407, 0.3503



25.3163, 0.3338, 0.2686

Square

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



25.3163, 0.2407, 0.3503



25.3163, 0.2363, 0.2418



25.3163, 0.3875, 0.3042



25.3163, 0.3895, 0.4216

Rectangle

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



25.3163, 0.2407, 0.3503



25.3163, 0.2126, 0.2682



25.3163, 0.3875, 0.3042



25.3163, 0.4237, 0.3757

Sweetspot

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



25.3173, 0.2407, 0.3503



51.9044, 0.2845, 0.3346



23.8935, 0.3102, 0.5429



11.3495, 0.2815, 0.3353



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.3173, 0.2407, 0.3503



44.4709, 0.2352, 0.3557



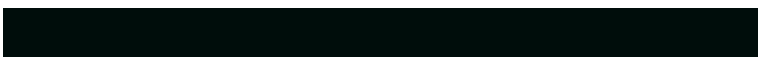
14.4533, 0.2132, 0.2434



7.0156, 0.3002, 0.3313



20.3312, 0.2335, 0.3604



0.3067, 0.2292, 0.3450

Inverse Universe

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



9.0115, 0.5178, 0.3143



13.3738, 0.5833, 0.3172



13.7764, 0.4847, 0.3920



6.2325, 0.3268, 0.3267



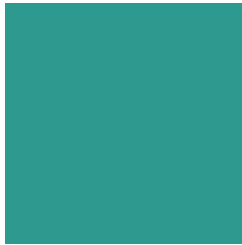
5.6301, 0.6247, 0.3215



0.0866, 0.5622, 0.2871

Previews

White Background



This preview shows how the Yxy color 25.3163, 0.2407, 0.3503 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 25.3163, 0.2407, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

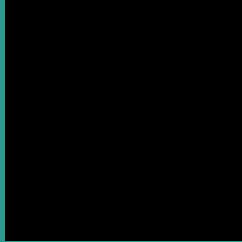
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3163, 0.2407, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 25.3163, 0.2407, 0.3503.

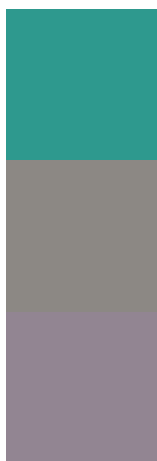


This preview shows how white text looks on a background with the Yxy color 25.3163, 0.2407, 0.3503.

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

25.3163, 0.2407, 0.3503

Protanopia

24.8497, 0.3214, 0.3358

Deuteranopia

24.9614, 0.3137, 0.3079



Tritanopia

25.2912, 0.2318, 0.3067

Trichromacy



Original Color

25.3163, 0.2407, 0.3503

Protanomaly

24.1877, 0.2819, 0.3399

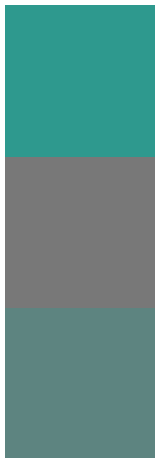
Deuteranomaly

24.1155, 0.2775, 0.3199

Tritanomaly

25.2567, 0.2347, 0.3212

Monochromacy



Original Color

25.3163, 0.2407, 0.3503

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

20.3882, 0.2753, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3163, 0.2407, 0.3503 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(46, 153, 142)` looks like.

```
.text, #text, p{  
    color:rgb(46, 153, 142)  
}
```

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(46, 153, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 153, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.3163, 0.2407, 0.3503 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(46, 153, 142) }
```

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

```
.border{ border-color:rgb(46, 153, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 153, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 153, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 153, 142);  
box-shadow:4px 4px 4px 4px rgb(46, 153,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3163, 0.2407, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 153, 142) }
```

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

```
.background{ background-color: rgb(46, 153,  
142) }
```

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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