

Converting Colors

$Yxy(25.0073, 0.2462, 0.3456)$

Have a look what the booklet for
Yxy(25.0073, 0.2462, 0.3456)
contains.

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Color

$\text{Yxy}(25.0469, 0.2462, 0.3462)$

Conversions

Conversions Part 1

Format	Color
Hex	3C978E
RGB	60, 151, 142
RGB Percent	24%, 59%, 56%
CMY	0.7648, 0.4078, 0.4431
CMYK	0.60, 0.00, 0.06, 0.41
HSL	174°, 43%, 41%
HSV	174°, 60%, 59%
XYZ	17.8121, 25.0469, 29.4891
YIQ	122.7650, -51.3470, -22.0910

Conversions

Conversions Part 2

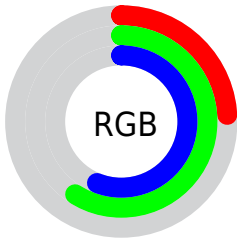
Format	Color
R_{YB}	60, 108, 151
Decimal	3970958
CIE _{Lab}	57.12, -29.05, -3.33
CIE _{LCh}	57, 29.238, 186.536
Yxy	25.0469, 0.2462, 0.3462
Android (android.graphics.Color)	4282161038 (0xFF3C978E)
YUV	122.7650, 9.4829, -55.0449
Hunter-Lab	50.0469, -24.0524, 0.0974

Details

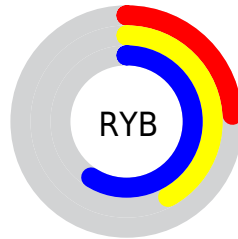
The Yxy color **25.0469, 0.2462, 0.3462** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.2394, 0.4757, 0.3152**, and the grayscale version is **19.7060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.9100, 0.2600, 0.3428**, and **9.6964, 0.2304, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **24.5984, 0.2403, 0.3495**, and if you desaturate by 10%, it is **25.6321, 0.2538, 0.3430**.

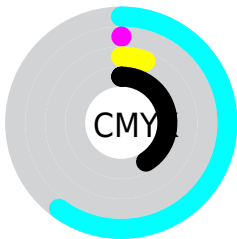
Distribution



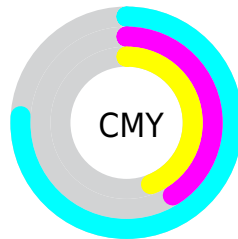
- Red (24%)
- Green (59%)
- Blue (56%)



- Red (24%)
- Yellow (42%)
- Blue (59%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (41%)





- Cyan (76%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0469, 0.2462, 0.3462 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 25.0469, 0.2462, 0.3462 by changing the saturation by 10% instead.


 25.0469, 0.2462,
0.3462


 25.0469, 0.2462,
0.3462

278.0714, 0.2824,
0.3372

 16.1120, 0.2361,
0.3485


 51.7333, 0.2601,
0.3429


 9.6034, 0.2224,
0.3515


 70.2536, 0.2651,
0.3416


 5.1368, 0.2030,
0.3555

 92.7378, 0.2692,
0.3406

 2.3278, 0.1734,
0.3609

 119.5703, 0.2727,
0.3397

 0.7883, 0.0209,
0.4095

 151.1355, 0.2757,
0.3390

 0.0000, 0.0000,
0.0000

187.8179, 0.2782,

0.3383

230.0017, 0.2805,
0.3377

■ 25.0469, 0.2462,
0.3462

■ 25.0469, 0.2462,
0.3462

■ 24.5984, 0.2403,
0.3495

■ 25.6321, 0.2538,
0.3430

■ 24.2720, 0.2363,
0.3528

■ 26.3616, 0.2631,
0.3398

■ 24.0547, 0.2341,
0.3561

■ 27.2456, 0.2739,
0.3369

■ 23.9142, 0.2332,
0.3593

■ 28.2927, 0.2859,
0.3341

■ 29.5109, 0.2988,
0.3314

■ 30.9076, 0.3123,
0.3291

■ 32.4898, 0.3263,
0.3269

■ 34.2641, 0.3405,
0.3250

■ 36.2368, 0.3547,
0.3233

Harmonies

Analogous

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



25.0469, 0.2863, 0.3934



25.0469, 0.2462, 0.3462



25.0469, 0.2243, 0.2978

Triad

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



25.0469, 0.2462, 0.3462



25.0469, 0.2838, 0.2541



25.0469, 0.4090, 0.3860

Complementary

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



25.0469, 0.2462, 0.3462



10.2394, 0.4757, 0.3152

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.



25.0469, 0.4100, 0.3476



25.0469, 0.2462, 0.3462



25.0469, 0.3342, 0.2752

Square

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



25.0469, 0.2462, 0.3462



25.0469, 0.2447, 0.2494



25.0469, 0.3818, 0.3083



25.0469, 0.3809, 0.4137

Rectangle

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



25.0469, 0.2462, 0.3462



25.0469, 0.2217, 0.2730



25.0469, 0.3818, 0.3083



25.0469, 0.4127, 0.3738

Sweetspot

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



25.0479, 0.2462, 0.3462



51.0596, 0.2883, 0.3335



23.7290, 0.3107, 0.5140



11.4793, 0.2849, 0.3343



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.



25.0479, 0.2462, 0.3462



43.8425, 0.2389, 0.3506



15.3644, 0.2240, 0.2542



7.0160, 0.3001, 0.3312



20.3457, 0.2331, 0.3591



0.3068, 0.2290, 0.3443

Inverse Universe

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



10.2394, 0.4757, 0.3152



14.9421, 0.5335, 0.3152



15.3434, 0.4513, 0.3891



6.2321, 0.3268, 0.3268



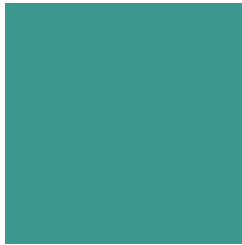
5.6285, 0.6254, 0.3219



0.0864, 0.5648, 0.2885

Previews

White Background



This preview shows how the Yxy color 25.0469, 0.2462, 0.3462 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 25.0469, 0.2462, 0.3462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

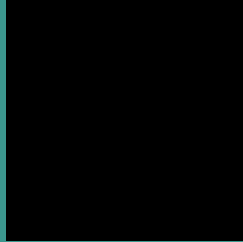
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0469, 0.2462, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 25.0469, 0.2462, 0.3462.

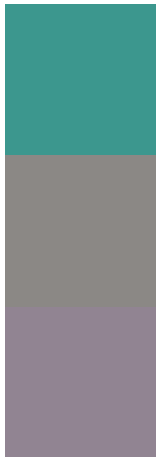


This preview shows how white text looks on a background with the Yxy color 25.0469, 0.2462, 0.3462.

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

25.0469, 0.2462, 0.3462

Protanopia

24.7907, 0.3192, 0.3341

Deuteranopia

24.5976, 0.3127, 0.3062



Tritanopia

24.9468, 0.2376, 0.3068

Trichromacy



Original Color

25.0469, 0.2462, 0.3462

Protanomaly

24.1423, 0.2856, 0.3380

Deuteranomaly

24.0870, 0.2812, 0.3183

Tritanomaly

24.9186, 0.2408, 0.3213

Monochromacy



Original Color

25.0469, 0.2462, 0.3462

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

21.0961, 0.2804, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0469, 0.2462, 0.3462 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(60, 151, 142)` looks like.

```
.text, #text, p{  
    color:rgb(60, 151, 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(60, 151, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 151, 142) }
```

Border

The CSS property to change the border of an element to Yxy 25.0469, 0.2462, 0.3462 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(60, 151, 142) }
```

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

```
.border{ border-color:rgb(60, 151, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 151, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 151, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 151, 142);  
box-shadow:4px 4px 4px 4px rgb(60, 151,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0469, 0.2462, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 151, 142) }
```

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

```
.background{ background-color: rgb(60, 151,  
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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