

Converting Colors

$Yxy(50.4108, 0.3122, 0.3811)$

Have a look what the booklet for
Yxy(50.4108, 0.3122, 0.3811)
contains.

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Color

Yxy(50.5728, 0.3125, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	A2C69F
RGB	162, 198, 159
RGB Percent	64%, 78%, 62%
CMY	0.3648, 0.2235, 0.3763
CMYK	0.18, 0.00, 0.20, 0.22
HSL	115°, 25%, 70%
HSV	115°, 20%, 78%
XYZ	41.3501, 50.5728, 40.3974
YIQ	182.7900, -8.9370, -19.7610

Conversions

Conversions Part 2

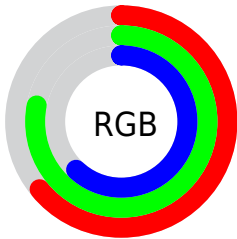
Format	Color
RYB	159, 198, 195
Decimal	10667679
CIELab	76.42, -19.50, 15.63
CIELCh	76, 24.989, 141.279
Yxy	50.5728, 0.3125, 0.3822
Android (android.graphics.Color)	4288857759 (0xFFA2C69F)
YUV	182.7900, -11.7285, -18.2328
Hunter-Lab	71.1146, -20.6603, 16.0999

Details

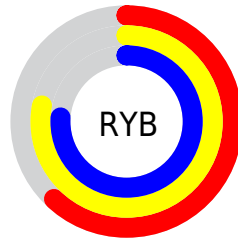
The Yxy color $50.5728, 0.3125, 0.3822$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $40.4969, 0.3123, 0.2803$, and the grayscale version is $47.3014, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.1268, 0.3125, 0.3722$, and $24.3231, 0.3125, 0.3989$ is the 20% darker color. If you saturate the color by 10%, you get $48.1621, 0.3121, 0.4139$, and if you desaturate by 10%, it is $53.3771, 0.3127, 0.3536$.

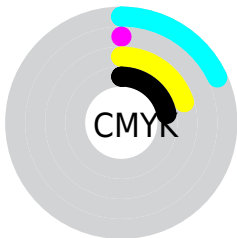
Distribution



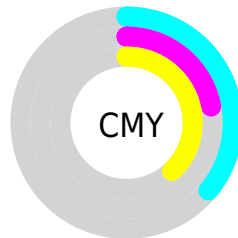
- Red (64%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (76%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5728, 0.3125, 0.3822 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 50.5728, 0.3125, 0.3822 by changing the saturation by 10% instead.


 50.5728, 0.3125,
0.3822

 50.5728, 0.3125,
0.3822


388.9017, 0.3130,
0.3551

 35.8687, 0.3122,
0.3891


 91.0230, 0.3128,
0.3722

 24.3328, 0.3118,
0.3981


 117.5379, 0.3129,
0.3685

 15.5807, 0.3110,
0.4101


148.7586, 0.3129,
0.3654

 9.2279, 0.3097,
0.4272

185.0693, 0.3130,
0.3628

 4.8902, 0.3071,
0.4531

226.8547, 0.3130,
0.3605

 2.1830, 0.3010,
0.4971

274.4989, 0.3130,

 0.7107, 0.2192,

0.3585

0.7808

328.3865, 0.3130,
0.3567

0.0000, 0.0000,
0.0000

50.5728, 0.3125,
0.3822

50.5728, 0.3125,
0.3822

48.1621, 0.3121,
0.4139

53.3771, 0.3127,
0.3536

46.1212, 0.3113,
0.4478

56.5846, 0.3127,
0.3282

44.4339, 0.3102,
0.4829

60.2129, 0.3126,
0.3061

43.0798, 0.3088,
0.5170

64.2762, 0.3124,
0.2869

42.0369, 0.3071,
0.5477

68.5913, 0.3142,
0.2730

■ 41.2803, 0.3051,
0.5724

■ 68.8722, 0.3153,
0.2732

■ 40.7812, 0.3031,
0.5892

■ 40.4995, 0.3016,
0.5985

■ 40.4932, 0.3015,
0.5988

Harmonies

Analogous

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



50.5728, 0.3458, 0.3899



50.5728, 0.3125, 0.3822



50.5728, 0.2804, 0.3575

Triad

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



50.5728, 0.3125, 0.3822



50.5728, 0.2565, 0.2777



50.5728, 0.3707, 0.3289

Complementary

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



50.5728, 0.3125, 0.3822



40.4969, 0.3123, 0.2803

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.



50.5728, 0.3443, 0.3024



50.5728, 0.3125, 0.3822



50.5728, 0.2781, 0.2735

Square

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



50.5728, 0.3125, 0.3822



50.5728, 0.2492, 0.2957



50.5728, 0.3100, 0.2826



50.5728, 0.3806, 0.3568

Rectangle

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



50.5728, 0.3125, 0.3822



50.5728, 0.2638, 0.3358



50.5728, 0.3100, 0.2826



50.5728, 0.3634, 0.3196

Sweetspot

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



50.5750, 0.3125, 0.3822



96.4684, 0.3127, 0.3441



53.4345, 0.3428, 0.3737



20.5694, 0.3127, 0.3458



0.0000, 0.0000, 0.0000



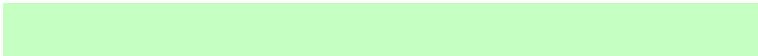
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5750, 0.3125, 0.3822



87.4680, 0.3123, 0.3967



50.8725, 0.2988, 0.3597



11.9254, 0.3127, 0.3528



26.3458, 0.3019, 0.5985



1.2610, 0.3084, 0.5933

Inverse Universe

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



40.4969, 0.3123, 0.2803



66.1102, 0.3121, 0.2684



40.1825, 0.3296, 0.3002



10.7744, 0.3126, 0.3062



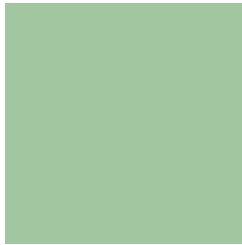
9.2211, 0.3022, 0.1439



0.4490, 0.3064, 0.1461

Previews

White Background



This preview shows how the Yxy color 50.5728, 0.3125, 0.3822 looks on a white background.

Color Contrast Check

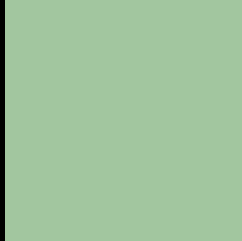
Large Text (above 18pt) WCAG AA × Fail

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 50.5728, 0.3125, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

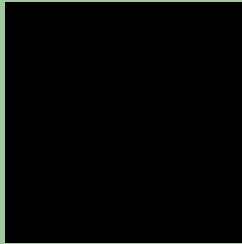
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5728, 0.3125, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 50.5728, 0.3125, 0.3822.



This preview shows how white text looks on a background with the Yxy color 50.5728, 0.3125, 0.3822.

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

50.5728, 0.3125, 0.3822

Protanopia

50.4416, 0.3493, 0.3719

Deuteranopia

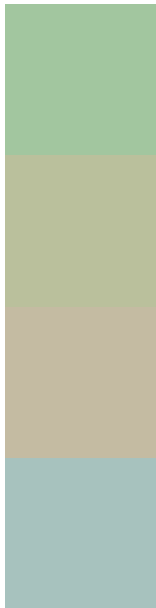
50.1392, 0.3579, 0.3508



Tritanopia

50.3126, 0.2850, 0.3085

Trichromacy



Original Color

50.5728, 0.3125, 0.3822

Protanomaly

50.5387, 0.3354, 0.3758

Deuteranomaly

49.8850, 0.3403, 0.3608

Tritanomaly

50.5168, 0.2945, 0.3342

Monochromacy



Original Color

50.5728, 0.3125, 0.3822

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1364, 0.3127, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5728, 0.3125, 0.3822 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(162, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 159)  
}
```

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(162, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 159) }
```

Border

The CSS property to change the border of an element to Yxy 50.5728, 0.3125, 0.3822 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(162, 198, 159) }
```

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

```
.border{ border-color:rgb(162, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 198, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 198, 159);  
box-shadow:4px 4px 4px 4px rgb(162, 198,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5728, 0.3125, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 198, 159) }
```

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

```
.background{ background-color: rgb(162,  
198, 159) }
```

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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