

Converting Colors

$Yxy(44.2508, 0.3107, 0.3532)$

Have a look what the booklet for
Yxy(44.2508, 0.3107, 0.3532)
contains.

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Color

Yxy(44.0650, 0.3108, 0.3527)

Conversions

Conversions Part 1

Format	Color
Hex	A4B6A5
RGB	164, 182, 165
RGB Percent	64%, 71%, 65%
CMY	0.3568, 0.2863, 0.3531
CMYK	0.10, 0.00, 0.09, 0.29
HSL	123°, 11%, 68%
HSV	123°, 10%, 71%
XYZ	38.8302, 44.0650, 42.0410
YIQ	174.6800, -5.2710, -9.1030

Conversions

Conversions Part 2

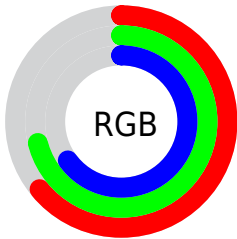
Format	Color
RYB	164, 181, 182
Decimal	10794661
CIELab	72.27, -9.48, 6.56
CIElCh	72, 11.524, 145.320
Yxy	44.0650, 0.3108, 0.3527
Android (android.graphics.Color)	4288984741 (0xFFA4B6A5)
YUV	174.6800, -4.7722, -9.3664
Hunter-Lab	66.3815, -11.7531, 8.9172

Details

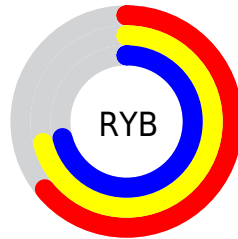
The Yxy color $44.0650, 0.3108, 0.3527$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.8424, 0.3147, 0.3064$, and the grayscale version is $42.7245, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.3764, 0.3112, 0.3483$, and $20.3375, 0.3101, 0.3601$ is the 20% darker color. If you saturate the color by 10%, you get $41.6807, 0.3087, 0.3799$, and if you desaturate by 10%, it is $46.8148, 0.3127, 0.3287$.

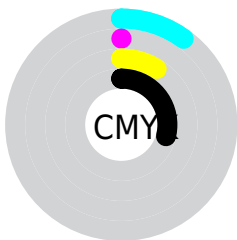
Distribution



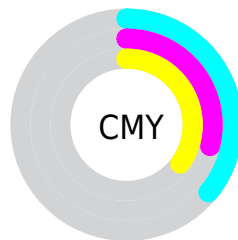
- Red (64%)
- Green (71%)
- Blue (65%)



- Red (64%)
- Yellow (71%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)




- Cyan (36%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0650, 0.3108, 0.3527 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 44.0650, 0.3108, 0.3527 by changing the saturation by 10% instead.


 44.0650, 0.3108,
0.3527


 44.0650, 0.3108,
0.3527

362.9735, 0.3119,
0.3406

 30.7216, 0.3105,
0.3558


 81.3155, 0.3112,
0.3482

 20.3870, 0.3101,
0.3599


 105.9915, 0.3114,
0.3466

 12.6766, 0.3095,
0.3655


135.2137, 0.3115,
0.3452

 7.2063, 0.3086,
0.3735

169.3667, 0.3116,
0.3440

 3.5914, 0.3071,
0.3859

208.8348, 0.3117,
0.3429

 1.4477, 0.3041,
0.4079

254.0023, 0.3117,


 0.2515, 0.0297,


0.3420


0.9703

305.2537, 0.3118,
0.3413

 0.0000, 0.0000,
0.0000

 44.0650, 0.3108,
0.3527

 44.0650, 0.3108,
0.3527


 41.6807, 0.3087,
0.3799

 46.8148, 0.3127,
0.3287


 39.6413, 0.3066,
0.4101


 49.9386, 0.3145,
0.3078


 37.9324, 0.3045,
0.4428

 53.4518, 0.3162,
0.2898

 36.5366, 0.3025,
0.4769

 57.3671, 0.3176,
0.2743

 35.4349, 0.3008,
0.5105

 61.6925, 0.3189,
0.2609

■ 34.6063, 0.2996,
0.5414

■ 61.9365, 0.3161,
0.2575

■ 34.0269, 0.2990,
0.5671

■ 33.6686, 0.2989,
0.5857

■ 33.4794, 0.2991,
0.5965

Harmonies

Analogous

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



44.0650, 0.3271, 0.3579



44.0650, 0.3108, 0.3527



44.0650, 0.2953, 0.3406

Triad

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



44.0650, 0.3108, 0.3527



44.0650, 0.2861, 0.3032



44.0650, 0.3416, 0.3314

Complementary

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



44.0650, 0.3108, 0.3527



39.8424, 0.3147, 0.3064

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.



44.0650, 0.3301, 0.3176



44.0650, 0.3108, 0.3527



44.0650, 0.2979, 0.3016

Square

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



44.0650, 0.3108, 0.3527



44.0650, 0.2813, 0.3118



44.0650, 0.3140, 0.3068



44.0650, 0.3452, 0.3450

Rectangle

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



44.0650, 0.3108, 0.3527



44.0650, 0.2875, 0.3306



44.0650, 0.3140, 0.3068



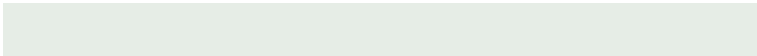
44.0650, 0.3385, 0.3267

Sweetspot

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



44.0669, 0.3108, 0.3527



83.2204, 0.3121, 0.3360



45.9738, 0.3264, 0.3530



18.2904, 0.3120, 0.3379



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.0669, 0.3108, 0.3527



78.8284, 0.3103, 0.3587



44.4039, 0.3039, 0.3401



10.0676, 0.3109, 0.3513



23.6442, 0.2989, 0.5959



0.8361, 0.2944, 0.5798

Inverse Universe

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



39.8424, 0.3147, 0.3064



69.5161, 0.3151, 0.3010



39.4869, 0.3225, 0.3182



9.1543, 0.3145, 0.3076



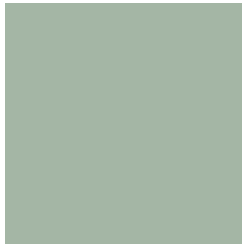
9.1407, 0.3344, 0.1616



0.3247, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 44.0650, 0.3108, 0.3527 looks on a white background.

Color Contrast Check

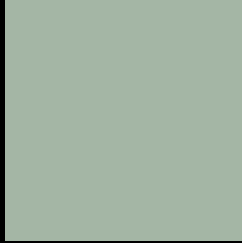
Large Text (above 18pt) WCAG AA × Fail

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 44.0650, 0.3108, 0.3527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

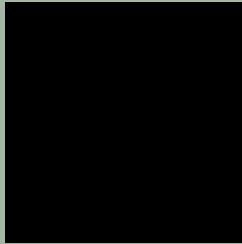
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

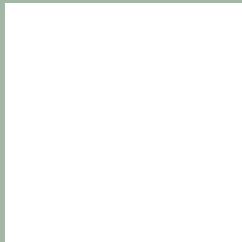
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0650, 0.3108, 0.3527

Background



This preview shows how black text looks on a background with the Yxy color 44.0650, 0.3108, 0.3527.



This preview shows how white text looks on a background with the Yxy color 44.0650, 0.3108, 0.3527.

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

44.0650, 0.3108, 0.3527

Protanopia

43.8497, 0.3316, 0.3477

Deuteranopia

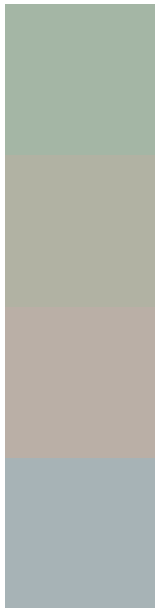
43.9216, 0.3411, 0.3342



Tritanopia

43.9714, 0.2934, 0.3103

Trichromacy



Original Color

44.0650, 0.3108, 0.3527

Protanomaly

43.8322, 0.3241, 0.3494

Deuteranomaly

43.8522, 0.3301, 0.3410

Tritanomaly

43.8331, 0.3002, 0.3249

Monochromacy



Original Color

44.0650, 0.3108, 0.3527

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.4390, 0.3123, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0650, 0.3108, 0.3527 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(164, 182, 165)` looks like.

```
.text, #text, p{  
    color:rgb(164, 182, 165)  
}
```

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(164, 182, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 182, 165) }
```

Border

The CSS property to change the border of an element to Yxy 44.0650, 0.3108, 0.3527 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(164, 182, 165) }
```

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

```
.border{ border-color:rgb(164, 182, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 182, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 182, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 182, 165);  
box-shadow:4px 4px 4px 4px rgb(164, 182,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0650, 0.3108, 0.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 182, 165) }
```

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

```
.background{ background-color: rgb(164,  
182, 165) }
```

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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