

Converting Colors

$Yxy(41.6177, 0.3114, 0.3563)$

Have a look what the booklet for
Yxy(41.6177, 0.3114, 0.3563)
contains.

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Color

Yxy(41.7149, 0.3114, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	9FB29F
RGB	159, 178, 159
RGB Percent	62%, 70%, 62%
CMY	0.3767, 0.3019, 0.3765
CMYK	0.11, 0.00, 0.11, 0.30
HSL	120°, 11%, 66%
HSV	120°, 11%, 70%
XYZ	36.4683, 41.7149, 38.9277
YIQ	170.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

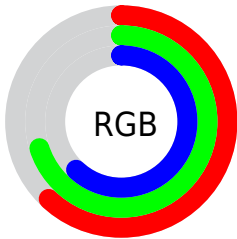
Format	Color
RYB	159, 178, 178
Decimal	10465951
CIELab	70.67, -10.27, 7.49
CIELCh	71, 12.710, 143.895
Yxy	41.7149, 0.3114, 0.3562
Android (android.graphics.Color)	4288656031 (0xFF9FB29F)
YUV	170.1530, -5.4984, -9.7812
Hunter-Lab	64.5871, -12.2394, 9.4759

Details

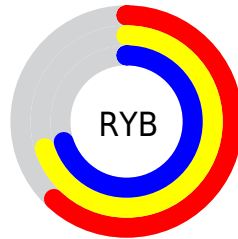
The Yxy color $41.7149, 0.3114, 0.3562$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.4590, 0.3140, 0.3032$, and the grayscale version is $40.3052, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.9968, 0.3117, 0.3508$, and $18.8757, 0.3099, 0.3633$ is the 20% darker color. If you saturate the color by 10%, you get $39.4537, 0.3100, 0.3851$, and if you desaturate by 10%, it is $44.3303, 0.3126, 0.3307$.

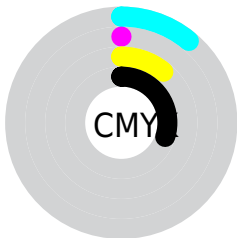
Distribution



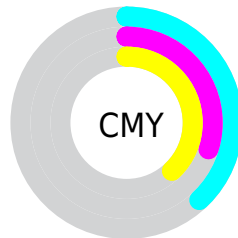
- Red (62%)
- Green (70%)
- Blue (62%)



- Red (62%)
- Yellow (70%)
- Blue (70%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (38%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7149, 0.3114, 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 41.7149, 0.3114, 0.3562 by changing the saturation by 10% instead.


 41.7149, 0.3114,
0.3562


 41.7149, 0.3114,
0.3562

353.2997, 0.3122,
0.3421

 28.8781, 0.3112,
0.3599


 77.7680, 0.3117,
0.3510

 18.9886, 0.3108,
0.3647


 101.7530, 0.3118,
0.3490

 11.6621, 0.3103,
0.3714


130.2230, 0.3119,
0.3474

 6.5140, 0.3095,
0.3810

163.5622, 0.3120,
0.3460

 3.1601, 0.3080,
0.3964

202.1551, 0.3121,
0.3448

 1.2159, 0.3061,
0.4264

246.3860, 0.3121,

 0.0746, 0.0000,

0.3438

1.0000

296.6395, 0.3122,
0.3429

0.0000, 0.0000,
0.0000

41.7149, 0.3114,
0.3562

41.7149, 0.3114,
0.3562

39.4537, 0.3100,
0.3851

44.3303, 0.3126,
0.3307

37.5265, 0.3085,
0.4172

47.3086, 0.3137,
0.3085

35.9190, 0.3068,
0.4517

50.6649, 0.3146,
0.2893

34.6140, 0.3051,
0.4871

54.4116, 0.3155,
0.2729

33.5926, 0.3035,
0.5214

58.5609, 0.3161,
0.2588

■ 32.8336, 0.3021,
0.5518

■ 60.3280, 0.3163,
0.2537

■ 32.3133, 0.3010,
0.5758

■ 32.0031, 0.3003,
0.5916

■ 31.8489, 0.3000,
0.5998

Harmonies

Analogous

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



41.7149, 0.3296, 0.3616



41.7149, 0.3114, 0.3562



41.7149, 0.2939, 0.3428

Triad

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



41.7149, 0.3114, 0.3562



41.7149, 0.2824, 0.3004



41.7149, 0.3448, 0.3309

Complementary

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



41.7149, 0.3114, 0.3562



37.4590, 0.3140, 0.3032

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.



41.7149, 0.3314, 0.3156



41.7149, 0.3114, 0.3562



41.7149, 0.2953, 0.2982

Square

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



41.7149, 0.3114, 0.3562



41.7149, 0.2775, 0.3102



41.7149, 0.3132, 0.3038



41.7149, 0.3493, 0.3462

Rectangle

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



41.7149, 0.3114, 0.3562



41.7149, 0.2849, 0.3315



41.7149, 0.3132, 0.3038



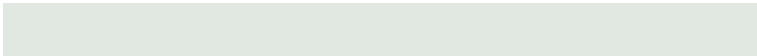
41.7149, 0.3412, 0.3256

Sweetspot

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



41.7167, 0.3114, 0.3562



79.2052, 0.3124, 0.3364



43.8165, 0.3284, 0.3549



17.4611, 0.3123, 0.3383



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.7167, 0.3114, 0.3562



74.5439, 0.3111, 0.3632



42.0589, 0.3039, 0.3425



9.4904, 0.3116, 0.3525



22.7833, 0.2999, 0.5998



0.7170, 0.2997, 0.5990

Inverse Universe

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



37.4590, 0.3140, 0.3032



65.1755, 0.3143, 0.2971



37.0910, 0.3225, 0.3159



8.6464, 0.3138, 0.3066



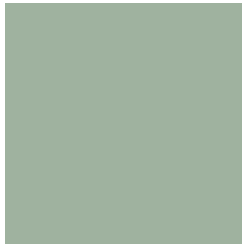
9.0600, 0.3215, 0.1545



0.2852, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 41.7149, 0.3114, 0.3562 looks on a white background.

Color Contrast Check

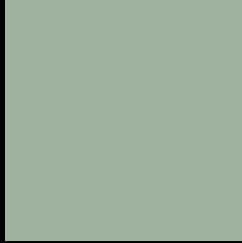
Large Text (above 18pt) WCAG AA × Fail

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 41.7149, 0.3114, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

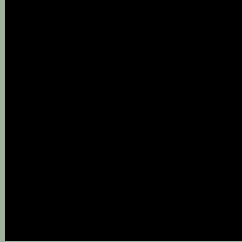
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

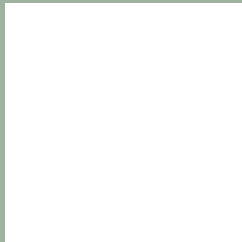
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.7149, 0.3114, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 41.7149, 0.3114, 0.3562.



This preview shows how white text looks on a background with the Yxy color 41.7149, 0.3114, 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

41.7149, 0.3114, 0.3562

Protanopia

41.6086, 0.3337, 0.3509

Deuteranopia

41.5481, 0.3426, 0.3370



Tritanopia

41.7955, 0.2930, 0.3099

Trichromacy



Original Color

41.7149, 0.3114, 0.3562

Protanomaly

41.4771, 0.3251, 0.3527

Deuteranomaly

41.4876, 0.3313, 0.3440

Tritanomaly

41.5157, 0.2999, 0.3262

Monochromacy



Original Color

41.7149, 0.3114, 0.3562

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.7473, 0.3123, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7149, 0.3114, 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(159, 178, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 178, 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(159, 178, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 178, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.7149, 0.3114, 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(159, 178, 159) }
```

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

```
.border{ border-color:rgb(159, 178, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 178, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 178, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 178, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 178,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7149, 0.3114, 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(159, 178, 159) }
```

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

```
.background{ background-color: rgb(159,  
178, 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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