

Converting Colors

$Yxy(50.1779, 0.3229, 0.4025)$

Have a look what the booklet for
Yxy(50.1779, 0.3229, 0.4025)
contains.

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Color

Yxy(50.1139, 0.3225, 0.4020)

Conversions

Conversions Part 1

Format	Color
Hex	A2C691
RGB	162, 198, 145
RGB Percent	64%, 78%, 57%
CMY	0.3648, 0.2235, 0.4313
CMYK	0.18, 0.00, 0.27, 0.22
HSL	101°, 32%, 67%
HSV	101°, 27%, 78%
XYZ	40.2033, 50.1139, 34.3442
YIQ	181.1940, -4.4430, -24.1150

Conversions

Conversions Part 2

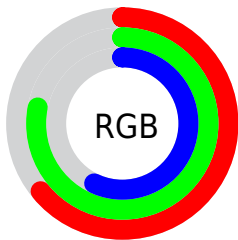
Format	Color
RYB	145, 198, 181
Decimal	10667665
CIELab	76.14, -21.82, 22.72
CIElCh	76, 31.502, 133.849
Yxy	50.1139, 0.3225, 0.4020
Android (android.graphics.Color)	4288857745 (0xFFA2C691)
YUV	181.1940, -17.8436, -16.8331
Hunter-Lab	70.7912, -22.5119, 20.7894

Details

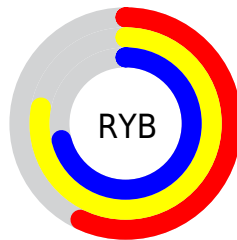
The Yxy color **50.1139, 0.3225, 0.4020** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.1578, 0.2995, 0.2598**, and the grayscale version is **46.4189, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3952, 0.3211, 0.3886**, and **24.0697, 0.3246, 0.4241** is the 20% darker color. If you saturate the color by 10%, you get **48.2228, 0.3254, 0.4332**, and if you desaturate by 10%, it is **52.2666, 0.3191, 0.3727**.

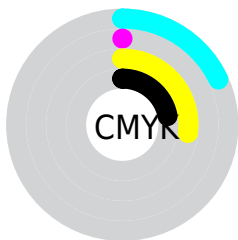
Distribution



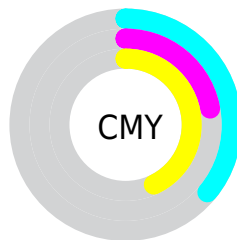
- Red (64%)
- Green (78%)
- Blue (57%)



- Red (57%)
- Yellow (78%)
- Blue (71%)



- Cyan (18%)
- Magenta (0%)
- Yellow (27%)
- Black (22%)





- Cyan (36%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1139, 0.3225, 0.4020 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 50.1139, 0.3225, 0.4020 by changing the saturation by 10% instead.


 50.1139, 0.3225,
0.4020


 50.1139, 0.3225,
0.4020


387.1112, 0.3185,
0.3646

 35.5039, 0.3232,
0.4116


 90.3436, 0.3212,
0.3882

 24.0513, 0.3239,
0.4240


 116.7321, 0.3207,
0.3831

 15.3717, 0.3246,
0.4407


147.8156, 0.3202,
0.3788

 9.0807, 0.3248,
0.4643

183.9784, 0.3198,
0.3751

 4.7938, 0.3235,
0.4998

225.6050, 0.3194,
0.3720

 2.1268, 0.3273,
0.5760

273.0797, 0.3191,

 0.6796, 0.1428,

0.3692

0.8572

326.7870, 0.3187,
0.3668

0.0000, 0.0000,
0.0000

50.1139, 0.3225,
0.4020

50.1139, 0.3225,
0.4020

48.2228, 0.3254,
0.4332

52.2666, 0.3191,
0.3727

46.5767, 0.3274,
0.4654

54.6840, 0.3153,
0.3457

45.1665, 0.3283,
0.4971


57.3775, 0.3115,
0.3214


43.9806, 0.3278,
0.5265


60.3558, 0.3076,
0.2997


43.0056, 0.3256,
0.5518


63.6270, 0.3039,
0.2805

 42.2271, 0.3220,
0.5713

 66.6185, 0.3063,
0.2716

 41.6268, 0.3172,
0.5842

 68.8716, 0.3153,
0.2732

 41.4626, 0.3156,
0.5876

Harmonies

Analogous

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



50.1139, 0.3632, 0.4048



50.1139, 0.3225, 0.4020



50.1139, 0.2809, 0.3748

Triad

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



50.1139, 0.3225, 0.4020



50.1139, 0.2386, 0.2684



50.1139, 0.3796, 0.3196

Complementary

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



50.1139, 0.3225, 0.4020



34.1578, 0.2995, 0.2598

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.



50.1139, 0.3420, 0.2887



50.1139, 0.3225, 0.4020



50.1139, 0.2611, 0.2596

Square

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



50.1139, 0.3225, 0.4020



50.1139, 0.2344, 0.2942



50.1139, 0.2982, 0.2672



50.1139, 0.3980, 0.3544

Rectangle

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



50.1139, 0.3225, 0.4020



50.1139, 0.2581, 0.3478



50.1139, 0.2982, 0.2672



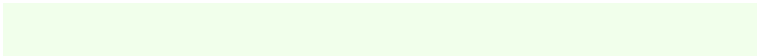
50.1139, 0.3686, 0.3086

Sweetspot

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



50.1161, 0.3225, 0.4020



96.2196, 0.3158, 0.3492



46.8316, 0.3581, 0.3744



20.4505, 0.3164, 0.3532



0.0000, 0.0000, 0.0000



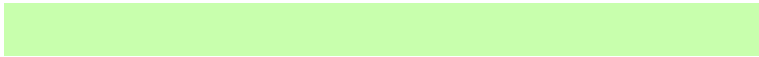
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1161, 0.3225, 0.4020



86.7689, 0.3242, 0.4197



48.7398, 0.3031, 0.3919



12.0500, 0.3163, 0.3525



27.0030, 0.3165, 0.5869



1.3178, 0.3333, 0.5736

Inverse Universe

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



34.1578, 0.2995, 0.2598



53.8957, 0.2959, 0.2441



35.9415, 0.3241, 0.2733



10.6397, 0.3088, 0.3059



6.0257, 0.2421, 0.1107



0.3230, 0.2590, 0.1200

Previews

White Background



This preview shows how the Yxy color 50.1139, 0.3225, 0.4020 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 50.1139, 0.3225, 0.4020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

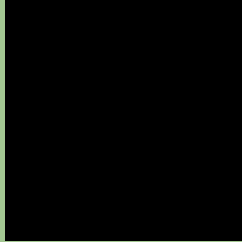
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1139, 0.3225, 0.4020

Background



This preview shows how black text looks on a background with the Yxy color 50.1139, 0.3225, 0.4020.



This preview shows how white text looks on a background with the Yxy color 50.1139, 0.3225, 0.4020.

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

50.1139, 0.3225, 0.4020

Protanopia

49.8516, 0.3628, 0.3882

Deuteranopia

49.7179, 0.3732, 0.3663



Tritanopia

49.8926, 0.2870, 0.3098

Trichromacy



Original Color

50.1139, 0.3225, 0.4020

Protanomaly

49.7794, 0.3474, 0.3930

Deuteranomaly

49.6845, 0.3536, 0.3785

Tritanomaly

49.8837, 0.3002, 0.3422

Monochromacy



Original Color

50.1139, 0.3225, 0.4020

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.3665, 0.3165, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1139, 0.3225, 0.4020 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(162, 198, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 198, 145) }
```

Border

The CSS property to change the border of an element to Yxy 50.1139, 0.3225, 0.4020 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, 145) }
```

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

```
.border{ border-color:rgb(162, 198, 145) }
```

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, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 198, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 198, 145);  
box-shadow:4px 4px 4px 4px rgb(162, 198,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1139, 0.3225, 0.4020 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, 145) }
```

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

```
.background{ background-color: rgb(162,  
198, 145) }
```

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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