

Converting Colors

$Yxy(43.0073, 0.3328, 0.4065)$

Have a look what the booklet for
Yxy(43.0073, 0.3328, 0.4065)
contains.

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Color

Yxy(43.1618, 0.3327, 0.4071)

Conversions

Conversions Part 1

Format	Color
Hex	9EB882
RGB	158, 184, 130
RGB Percent	62%, 72%, 51%
CMY	0.3803, 0.2784, 0.4902
CMYK	0.14, 0.00, 0.29, 0.28
HSL	89°, 28%, 62%
HSV	89°, 29%, 72%
XYZ	35.2737, 43.1618, 27.5871
YIQ	170.0700, 1.8380, -22.3060

Conversions

Conversions Part 2

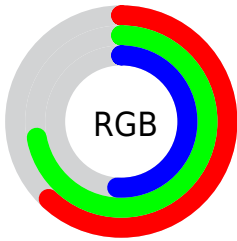
Format	Color
RYB	130, 184, 156
Decimal	10401922
CIELab	71.66, -18.55, 24.59
CIELCh	72, 30.804, 127.030
Yxy	43.1618, 0.3327, 0.4071
Android (android.graphics.Color)	4288592002 (0xFF9EB882)
YUV	170.0700, -19.7545, -10.5854
Hunter-Lab	65.6976, -19.1324, 21.0919

Details

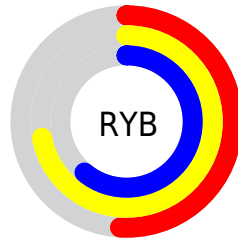
The Yxy color **43.1618, 0.3327, 0.4071** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.4874, 0.2870, 0.2506**, and the grayscale version is **40.3376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8852, 0.3296, 0.3921**, and **19.8760, 0.3372, 0.4322** is the 20% darker color. If you saturate the color by 10%, you get **41.8476, 0.3386, 0.4364**, and if you desaturate by 10%, it is **44.6328, 0.3261, 0.3788**.

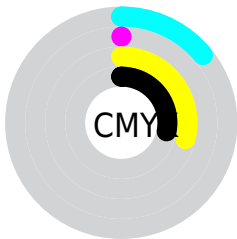
Distribution



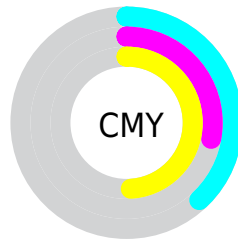
- Red (62%)
- Green (72%)
- Blue (51%)



- Red (51%)
- Yellow (72%)
- Blue (61%)



- Cyan (14%)
- Magenta (0%)
- Yellow (29%)
- Black (28%)





- Cyan (38%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1618, 0.3327, 0.4071 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 43.1618, 0.3327, 0.4071 by changing the saturation by 10% instead.

 43.1618, 0.3327,
0.4071

 43.1618, 0.3327,
0.4071


359.2767, 0.3234,
0.3663


 30.0121, 0.3347,
0.4178


 79.9550, 0.3296,
0.3919

 19.8478, 0.3370,
0.4318


 104.3672, 0.3283,
0.3863

 12.2844, 0.3397,
0.4510


 133.3024, 0.3272,
0.3816

 6.9377, 0.3423,
0.4784

167.1450, 0.3263,
0.3776

 3.4232, 0.3438,
0.5205

206.2793, 0.3254,
0.3742

 1.3564, 0.3635,
0.6365

251.0898, 0.3247,

 0.1843, 0.0000,

0.3712

1.0000

301.9608, 0.3240,
0.3686

■ 0.0000, 0.0000,
0.0000

■ 43.1618, 0.3327,
0.4071

■ 43.1618, 0.3327,
0.4071

■ 41.8476, 0.3386,
0.4364

■ 44.6328, 0.3261,
0.3788

■ 40.6784, 0.3434,
0.4657

■ 46.2605, 0.3192,
0.3521

■ 39.6495, 0.3467,
0.4938

■ 48.0522, 0.3123,
0.3275

■ 38.7539, 0.3481,
0.5192

■ 50.0129, 0.3055,
0.3050

■ 37.9834, 0.3473,
0.5406

■ 52.1475, 0.2989,
0.2847

■ 37.3290, 0.3443,
0.5568

■ 54.4606, 0.2927,
0.2665

■ 36.7748, 0.3396,
0.5681

■ 56.7101, 0.2894,
0.2537

■ 36.7411, 0.3393,
0.5688

■ 58.1272, 0.2960,
0.2551

■ 59.6183, 0.3027,
0.2566

Harmonies

Analogous

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



43.1618, 0.3726, 0.4040



43.1618, 0.3327, 0.4071



43.1618, 0.2891, 0.3844

Triad

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



43.1618, 0.3327, 0.4071



43.1618, 0.2340, 0.2713



43.1618, 0.3740, 0.3116

Complementary

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



43.1618, 0.3327, 0.4071



26.4874, 0.2870, 0.2506

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.



43.1618, 0.3326, 0.2816



43.1618, 0.3327, 0.4071



43.1618, 0.2529, 0.2583

Square

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



43.1618, 0.3327, 0.4071



43.1618, 0.2341, 0.3014



43.1618, 0.2881, 0.2625



43.1618, 0.3983, 0.3468

Rectangle

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



43.1618, 0.3327, 0.4071



43.1618, 0.2639, 0.3582



43.1618, 0.2881, 0.2625



43.1618, 0.3614, 0.3007

Sweetspot

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



43.1637, 0.3327, 0.4071



83.9240, 0.3191, 0.3516



35.3090, 0.3668, 0.3643



17.9961, 0.3201, 0.3553



93.3107, 0.3127, 0.3290



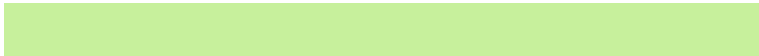
18.7317, 0.3127, 0.3290

Same Dimension

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



43.1637, 0.3327, 0.4071



76.7285, 0.3365, 0.4253



40.7804, 0.3102, 0.4127



10.2832, 0.3192, 0.3521



25.3646, 0.3401, 0.5681



0.9308, 0.3599, 0.5524

Inverse Universe

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



26.4874, 0.2870, 0.2506



41.7405, 0.2802, 0.2323



29.3926, 0.3142, 0.2567



8.9256, 0.3057, 0.3059



3.8728, 0.1999, 0.0875



0.1734, 0.2294, 0.1037

Previews

White Background



This preview shows how the Yxy color 43.1618, 0.3327, 0.4071 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 43.1618, 0.3327, 0.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

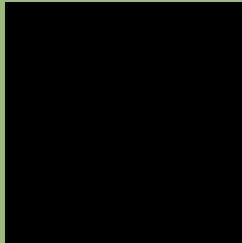
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1618, 0.3327, 0.4071

Background



This preview shows how black text looks on a background with the Yxy color 43.1618, 0.3327, 0.4071.



This preview shows how white text looks on a background with the Yxy color 43.1618, 0.3327, 0.4071.

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

43.1618, 0.3327, 0.4071

Protanopia

42.9851, 0.3678, 0.3944

Deuteranopia

42.8205, 0.3810, 0.3734



Tritanopia

42.9839, 0.2940, 0.3101

Trichromacy



Original Color

43.1618, 0.3327, 0.4071

Protanomaly

42.8381, 0.3552, 0.3993

Deuteranomaly

42.7569, 0.3629, 0.3852

Tritanomaly

42.9599, 0.3086, 0.3443

Monochromacy



Original Color

43.1618, 0.3327, 0.4071

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.1335, 0.3212, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1618, 0.3327, 0.4071 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(158, 184, 130)` looks like.

```
.text, #text, p{  
    color:rgb(158, 184, 130)  
}
```

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(158, 184, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 184, 130) }
```

Border

The CSS property to change the border of an element to Yxy 43.1618, 0.3327, 0.4071 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(158, 184, 130) }
```

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

```
.border{ border-color:rgb(158, 184, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 184, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 184, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 184, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 184,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1618, 0.3327, 0.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 184, 130) }
```

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

```
.background{ background-color: rgb(158,  
184, 130) }
```

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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