

Converting Colors

$Yxy(41.3983, 0.3549, 0.4215)$

Have a look what the booklet for
Yxy(41.3983, 0.3549, 0.4215)
contains.

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Color

Yxy(41.1627, 0.3543, 0.4205)

Conversions

Conversions Part 1

Format	Color
Hex	A6B272
RGB	166, 178, 114
RGB Percent	65%, 70%, 45%
CMY	0.3491, 0.3019, 0.5528
CMYK	0.07, 0.00, 0.36, 0.30
HSL	71°, 29%, 57%
HSV	71°, 36%, 70%
XYZ	34.6824, 41.1627, 22.0448
YIQ	167.1160, 13.3920, -22.4480

Conversions

Conversions Part 2

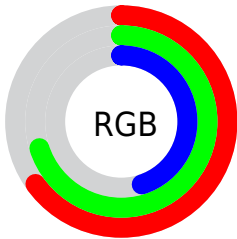
Format	Color
RYB	114, 178, 126
Decimal	10924658
CIELab	70.29, -14.64, 31.34
CIELCh	70, 34.589, 115.047
Yxy	41.1627, 0.3543, 0.4205
Android (android.graphics.Color)	4289114738 (0xFFA6B272)
YUV	167.1160, -26.1862, -0.9787
Hunter-Lab	64.1582, -15.7839, 24.5386

Details

The Yxy color **41.1627, 0.3543, 0.4205** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.6952, 0.2603, 0.2261**, and the grayscale version is **38.8291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1653, 0.3471, 0.4027**, and **18.5596, 0.3643, 0.4478** is the 20% darker color. If you saturate the color by 10%, you get **40.4409, 0.3647, 0.4459**, and if you desaturate by 10%, it is **41.9764, 0.3430, 0.3944**.

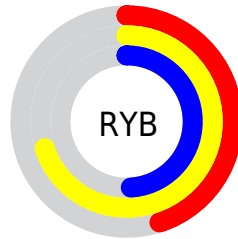
Distribution



Red (65%)

Green (70%)

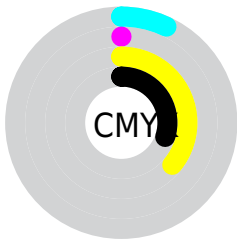
Blue (45%)



Red (45%)

Yellow (70%)

Blue (49%)

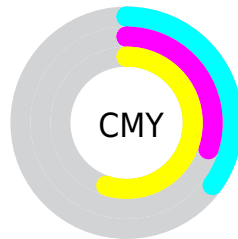


Cyan (7%)

Magenta (0%)

Yellow (36%)

Black (30%)



Cyan (35%)


Magenta (30%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1627, 0.3543, 0.4205 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 41.1627, 0.3543, 0.4205 by changing the saturation by 10% instead.


 41.1627, 0.3543,
0.4205


 41.1627, 0.3543,
0.4205

351.0002, 0.3343,
0.3728


 28.4462, 0.3588,
0.4328


 76.9308, 0.3473,
0.4028


 18.6623, 0.3643,
0.4488


 100.7513, 0.3446,
0.3963

 11.4265, 0.3708,
0.4702


 129.0418, 0.3423,
0.3908

 6.3545, 0.3781,
0.5000

 162.1869, 0.3402,
0.3861

 3.0618, 0.3952,
0.5584

200.5709, 0.3385,
0.3821

 1.1641, 0.3839,
0.6161

244.5781, 0.3369,

 0.0321, 0.0000,

0.3786

1.0000

294.5931, 0.3355,
0.3755

0.0000, 0.0000,
0.0000

41.1627, 0.3543,
0.4205

41.1627, 0.3543,
0.4205

40.4409, 0.3647,
0.4459

41.9764, 0.3430,
0.3944

39.8010, 0.3736,
0.4695

42.8809, 0.3313,
0.3684

39.2395, 0.3806,
0.4903


43.8820, 0.3196,
0.3433


38.7507, 0.3852,
0.5074


44.9834, 0.3081,
0.3195

38.3280, 0.3873,
0.5202

46.1887, 0.2972,
0.2973


 37.9627, 0.3870,
0.5285

 47.5011, 0.2868,
0.2768

 37.8233, 0.3866,
0.5313

 48.9240, 0.2772,
0.2582

 50.3675, 0.2692,
0.2426

 50.8114, 0.2716,
0.2431

Harmonies

Analogous

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



41.1627, 0.3945, 0.4053



41.1627, 0.3543, 0.4205



41.1627, 0.3048, 0.4068

Triad

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



41.1627, 0.3543, 0.4205



41.1627, 0.2213, 0.2744



41.1627, 0.3651, 0.2945

Complementary

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



41.1627, 0.3543, 0.4205



19.6952, 0.2603, 0.2261

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.



41.1627, 0.3143, 0.2653



41.1627, 0.3543, 0.4205



41.1627, 0.2342, 0.2524

Square

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



41.1627, 0.3543, 0.4205



41.1627, 0.2300, 0.3152



41.1627, 0.2669, 0.2501



41.1627, 0.4026, 0.3323

Rectangle

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



41.1627, 0.3543, 0.4205



41.1627, 0.2734, 0.3815



41.1627, 0.2669, 0.2501



41.1627, 0.3488, 0.2835

Sweetspot

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



41.1645, 0.3543, 0.4205



78.5953, 0.3257, 0.3564



25.5413, 0.3911, 0.3465



17.3595, 0.3273, 0.3597



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.



41.1645, 0.3543, 0.4205



73.6057, 0.3625, 0.4404



38.1513, 0.3249, 0.4298



9.8244, 0.3235, 0.3517



27.0862, 0.3869, 0.5310



0.8731, 0.3965, 0.5233

Inverse Universe

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



19.6952, 0.2603, 0.2261



28.9856, 0.2462, 0.2003



22.4992, 0.2940, 0.2354



8.3044, 0.3013, 0.3057



2.5575, 0.1598, 0.0654



0.1033, 0.1854, 0.0795

Previews

White Background



This preview shows how the Yxy color 41.1627, 0.3543, 0.4205 looks on a white background.

Color Contrast Check

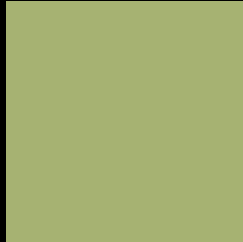
Large Text (above 18pt) WCAG AA × Fail

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 41.1627, 0.3543, 0.4205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

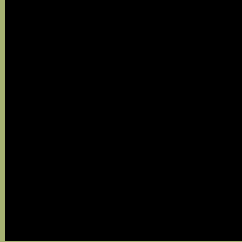
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

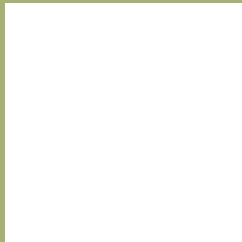
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1627, 0.3543, 0.4205

Background



This preview shows how black text looks on a background with the Yxy color 41.1627, 0.3543, 0.4205.



This preview shows how white text looks on a background with the Yxy color 41.1627, 0.3543, 0.4205.

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

41.1627, 0.3543, 0.4205

Protanopia

41.2175, 0.3799, 0.4109

Deuteranopia

40.8144, 0.3968, 0.3887



Tritanopia

41.2823, 0.3064, 0.3115

Trichromacy



Original Color

41.1627, 0.3543, 0.4205

Protanomaly

41.0257, 0.3702, 0.4144

Deuteranomaly

40.7133, 0.3811, 0.3996

Tritanomaly

41.1264, 0.3244, 0.3499

Monochromacy



Original Color

41.1627, 0.3543, 0.4205

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.4794, 0.3286, 0.3620

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1627, 0.3543, 0.4205 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(166, 178, 114)` looks like.

```
.text, #text, p{  
    color:rgb(166, 178, 114)  
}
```

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(166, 178, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 178, 114) }
```

Border

The CSS property to change the border of an element to Yxy 41.1627, 0.3543, 0.4205 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(166, 178, 114) }
```

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

```
.border{ border-color:rgb(166, 178, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 178, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 178, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 178, 114);  
box-shadow:4px 4px 4px 4px rgb(166, 178,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1627, 0.3543, 0.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 178, 114) }
```

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

```
.background{ background-color: rgb(166,  
178, 114) }
```

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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