

Converting Colors

$Yxy(34.3172, 0.3143, 0.4103)$

Have a look what the booklet for
Yxy(34.3172, 0.3143, 0.4103)
contains.

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Color

Yxy(34.1676, 0.3142, 0.4100)

Conversions

Conversions Part 1

Format	Color
Hex	7EA978
RGB	126, 169, 120
RGB Percent	49%, 66%, 47%
CMY	0.5058, 0.3373, 0.5294
CMYK	0.25, 0.00, 0.29, 0.34
HSL	113°, 22%, 57%
HSV	113°, 29%, 66%
XYZ	26.1840, 34.1676, 22.9840
YIQ	150.5570, -9.8990, -24.3550

Conversions

Conversions Part 2

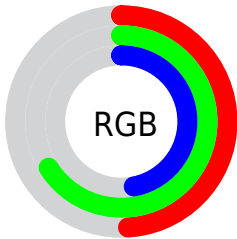
Format	Color
RYB	120, 169, 163
Decimal	8300920
CIELab	65.10, -24.21, 20.74
CIELCh	65, 31.877, 139.420
Yxy	34.1676, 0.3142, 0.4100
Android (android.graphics.Color)	4286491000 (0xFF7EA978)
YUV	150.5570, -15.0646, -21.5365
Hunter-Lab	58.4531, -22.3338, 17.6041

Details

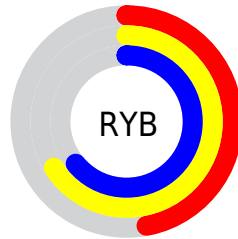
The Yxy color **34.1676, 0.3142, 0.4100** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.0825, 0.3092, 0.2570**, and the grayscale version is **30.8190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0317, 0.3146, 0.3918**, and **14.6734, 0.3121, 0.4404** is the 20% darker color. If you saturate the color by 10%, you get **32.7493, 0.3141, 0.4430**, and if you desaturate by 10%, it is **35.8282, 0.3139, 0.3793**.

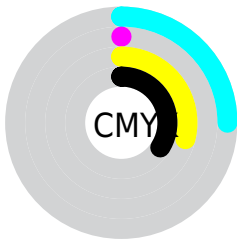
Distribution



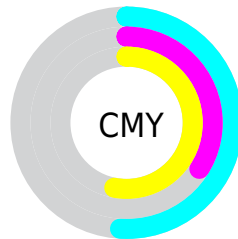
- Red (49%)
- Green (66%)
- Blue (47%)



- Red (47%)
- Yellow (66%)
- Blue (64%)



- Cyan (25%)
- Magenta (0%)
- Yellow (29%)
- Black (34%)





- Cyan (51%)
- Magenta (34%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1676, 0.3142, 0.4100 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 34.1676, 0.3142, 0.4100 by changing the saturation by 10% instead.


 34.1676, 0.3142,
0.4100


 34.1676, 0.3142,
0.4100


320.8787, 0.3144,
0.3656

 23.0224, 0.3137,
0.4225


 66.1942, 0.3146,
0.3929

 14.6100, 0.3127,
0.4394


 87.8444, 0.3146,
0.3868

 8.5462, 0.3107,
0.4636


 113.7650, 0.3146,
0.3817

 4.4464, 0.3063,
0.5008

144.3405, 0.3146,
0.3775

 1.9263, 0.3049,
0.5831

179.9552, 0.3146,
0.3738

 0.5641, 0.0000,
1.0000

220.9936, 0.3145,

 0.0000, 0.0000,

0.3707

0.0000

267.8399, 0.3145,
0.3680

■ 34.1676, 0.3142,
0.4100

■ 34.1676, 0.3142,
0.4100

■ 32.7493, 0.3141,
0.4430

■ 35.8282, 0.3139,
0.3793

■ 31.5579, 0.3135,
0.4771

■ 37.7373, 0.3134,
0.3514

■ 30.5828, 0.3124,
0.5106

■ 39.9059, 0.3126,
0.3266

■ 29.8109, 0.3107,
0.5413

■ 42.3435, 0.3118,
0.3049

■ 29.2276, 0.3085,
0.5668

■ 45.0587, 0.3109,
0.2859

■ 28.8163, 0.3059,
0.5851

■ 48.0600, 0.3100,
0.2694

■ 28.5531, 0.3035,
0.5963

■ 51.3554, 0.3091,
0.2551

■ 28.5328, 0.3034,
0.5973

■ 54.9397, 0.3084,
0.2428

■ 56.8561, 0.3167,
0.2450

Harmonies

Analogous

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



34.1676, 0.3621, 0.4178



34.1676, 0.3142, 0.4100



34.1676, 0.2681, 0.3739

Triad

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



34.1676, 0.3142, 0.4100



34.1676, 0.2316, 0.2564



34.1676, 0.3957, 0.3250

Complementary

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



34.1676, 0.3142, 0.4100



24.0825, 0.3092, 0.2570

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.



34.1676, 0.3553, 0.2889



34.1676, 0.3142, 0.4100



34.1676, 0.2604, 0.2505

Square

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



34.1676, 0.3142, 0.4100



34.1676, 0.2229, 0.2818



34.1676, 0.3049, 0.2624



34.1676, 0.4115, 0.3642

Rectangle

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



34.1676, 0.3142, 0.4100



34.1676, 0.2443, 0.3411



34.1676, 0.3049, 0.2624



34.1676, 0.3843, 0.3123

Sweetspot

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



34.1691, 0.3142, 0.4100



67.5241, 0.3134, 0.3519



35.7967, 0.3580, 0.3912



14.6071, 0.3135, 0.3556



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.1691, 0.3142, 0.4100



59.4616, 0.3142, 0.4317



34.2032, 0.2948, 0.3802



8.4502, 0.3134, 0.3522



21.2786, 0.3038, 0.5970



0.5307, 0.3184, 0.5854

Inverse Universe

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



24.0825, 0.3092, 0.2570



38.3223, 0.3080, 0.2403



24.1036, 0.3365, 0.2829



7.6192, 0.3119, 0.3066



6.8603, 0.2907, 0.1375



0.1795, 0.3013, 0.1434

Previews

White Background



This preview shows how the Yxy color 34.1676, 0.3142, 0.4100 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 34.1676, 0.3142, 0.4100 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 34.1676, 0.3142, 0.4100

Background



This preview shows how black text looks on a background with the Yxy color 34.1676, 0.3142, 0.4100.



This preview shows how white text looks on a background with the Yxy color 34.1676, 0.3142, 0.4100.

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

34.1676, 0.3142, 0.4100

Protanopia

33.7868, 0.3648, 0.3911

Deuteranopia

33.7788, 0.3746, 0.3671



Tritanopia

34.0867, 0.2780, 0.3092

Trichromacy



Original Color

34.1676, 0.3142, 0.4100

Protanomaly

33.5464, 0.3447, 0.3974

Deuteranomaly

33.6703, 0.3505, 0.3818

Tritanomaly

34.1824, 0.2913, 0.3447

Monochromacy



Original Color

34.1676, 0.3142, 0.4100

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.0980, 0.3133, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1676, 0.3142, 0.4100 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(126, 169, 120)` looks like.

```
.text, #text, p{  
    color:rgb(126, 169, 120)  
}
```

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(126, 169, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 169, 120) }
```

Border

The CSS property to change the border of an element to Yxy 34.1676, 0.3142, 0.4100 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(126, 169, 120) }
```

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

```
.border{ border-color:rgb(126, 169, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 169, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 169, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 169, 120);  
box-shadow:4px 4px 4px 4px rgb(126, 169,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1676, 0.3142, 0.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 169, 120) }
```

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

```
.background{ background-color: rgb(126,  
169, 120) }
```

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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