

Converting Colors

$Yxy(35.5704, 0.3344, 0.4207)$

Have a look what the booklet for
Yxy(35.5704, 0.3344, 0.4207)
contains.

Yxy(35.5820, 0.3344, 0.4207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.5820, 0.3344, 0.4207)

Conversions

Conversions Part 1

Format	Color
Hex	8DAA70
RGB	141, 170, 112
RGB Percent	55%, 67%, 44%
CMY	0.4471, 0.3333, 0.5607
CMYK	0.17, 0.00, 0.34, 0.33
HSL	90°, 25%, 55%
HSV	90°, 34%, 67%
XYZ	28.2829, 35.5820, 20.7132
YIQ	154.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

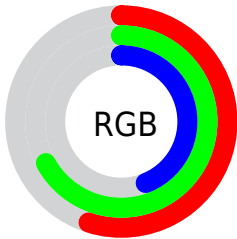
Format	Color
RYB	112, 170, 141
Decimal	9284208
CIELab	66.20, -20.50, 26.70
CIElCh	66, 33.659, 127.516
Yxy	35.5820, 0.3344, 0.4207
Android (android.graphics.Color)	4287474288 (0xFF8DAA70)
YUV	154.7170, -21.0595, -12.0298
Hunter-Lab	59.6506, -19.7542, 21.1675

Details

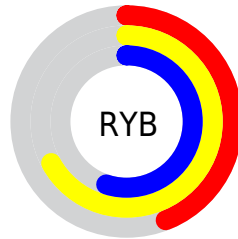
The Yxy color **35.5820, 0.3344, 0.4207** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.1629, 0.2833, 0.2376**, and the grayscale version is **32.7414, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1329, 0.3310, 0.4018**, and **15.4894, 0.3393, 0.4534** is the 20% darker color. If you saturate the color by 10%, you get **34.5224, 0.3395, 0.4502**, and if you desaturate by 10%, it is **36.7735, 0.3284, 0.3918**.

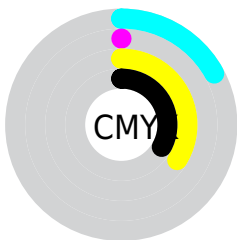
Distribution



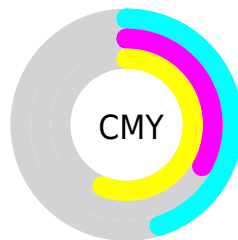
- Red (55%)
- Green (67%)
- Blue (44%)



- Red (44%)
- Yellow (67%)
- Blue (55%)



- Cyan (17%)
- Magenta (0%)
- Yellow (34%)
- Black (33%)





- Cyan (45%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5820, 0.3344, 0.4207 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 35.5820, 0.3344, 0.4207 by changing the saturation by 10% instead.


 35.5820, 0.3344,
0.4207


 35.5820, 0.3344,
0.4207


327.1298, 0.3243,
0.3711

 24.1115, 0.3365,
0.4343


 68.3864, 0.3310,
0.4018


 15.4164, 0.3388,
0.4525


 90.4891, 0.3296,
0.3949

 9.1121, 0.3410,
0.4779


 116.9048, 0.3285,
0.3893

 4.8144, 0.3422,
0.5154

 148.0176, 0.3274,
0.3845

 2.1388, 0.3613,
0.6140

184.2122, 0.3265,
0.3804

 0.6863, 0.1812,
0.8188

225.8728, 0.3257,

 0.0000, 0.0000,

0.3769

0.0000

273.3839, 0.3250,
0.3738

■ 35.5820, 0.3344,
0.4207

■ 35.5820, 0.3344,
0.4207

■ 34.5224, 0.3395,
0.4502

■ 36.7735, 0.3284,
0.3918

■ 33.5847, 0.3434,
0.4793

■ 38.0973, 0.3220,
0.3644

■ 32.7648, 0.3455,
0.5066


■ 39.5595, 0.3154,
0.3389


■ 32.0564, 0.3457,
0.5306


■ 41.1646, 0.3089,
0.3155


■ 31.4521, 0.3438,
0.5500

■ 42.9167, 0.3025,
0.2943


 30.9439, 0.3398,
0.5640

 44.8199, 0.2964,
0.2753

 30.6790, 0.3369,
0.5707

 46.8780, 0.2907,
0.2582

 49.0947, 0.2853,
0.2430

 50.8106, 0.2871,
0.2383

Harmonies

Analogous

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



35.5820, 0.3811, 0.4163



35.5820, 0.3344, 0.4207



35.5820, 0.2841, 0.3937

Triad

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



35.5820, 0.3344, 0.4207



35.5820, 0.2224, 0.2614



35.5820, 0.3848, 0.3091

Complementary

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



35.5820, 0.3344, 0.4207



20.1629, 0.2833, 0.2376

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.



35.5820, 0.3364, 0.2750



35.5820, 0.3344, 0.4207



35.5820, 0.2442, 0.2475

Square

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



35.5820, 0.3344, 0.4207



35.5820, 0.2220, 0.2955



35.5820, 0.2847, 0.2530



35.5820, 0.4128, 0.3492

Rectangle

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



35.5820, 0.3344, 0.4207



35.5820, 0.2553, 0.3623



35.5820, 0.2847, 0.2530



35.5820, 0.3702, 0.2967

Sweetspot

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



35.5836, 0.3344, 0.4207



70.1288, 0.3194, 0.3541



28.7714, 0.3762, 0.3729



15.5596, 0.3203, 0.3577



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.5836, 0.3344, 0.4207



63.0665, 0.3384, 0.4432



33.3685, 0.3080, 0.4285



8.5849, 0.3188, 0.3518



22.5993, 0.3377, 0.5701



0.5803, 0.3641, 0.5491

Inverse Universe

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



20.1629, 0.2833, 0.2376



30.7483, 0.2748, 0.2152



23.0430, 0.3166, 0.2462



7.4781, 0.3061, 0.3062



3.5919, 0.2041, 0.0898



0.1178, 0.2419, 0.1106

Previews

White Background



This preview shows how the Yxy color 35.5820, 0.3344, 0.4207 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 35.5820, 0.3344, 0.4207 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 35.5820, 0.3344, 0.4207

Background



This preview shows how black text looks on a background with the Yxy color 35.5820, 0.3344, 0.4207.



This preview shows how white text looks on a background with the Yxy color 35.5820, 0.3344, 0.4207.

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

35.5820, 0.3344, 0.4207

Protanopia

35.2230, 0.3753, 0.4039

Deuteranopia

35.3193, 0.3877, 0.3810



Tritanopia

35.4198, 0.2908, 0.3099

Trichromacy



Original Color

35.5820, 0.3344, 0.4207

Protanomaly

35.3364, 0.3600, 0.4112

Deuteranomaly

35.1501, 0.3667, 0.3945

Tritanomaly

35.3803, 0.3072, 0.3488

Monochromacy



Original Color

35.5820, 0.3344, 0.4207

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.4897, 0.3218, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5820, 0.3344, 0.4207 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(141, 170, 112)` looks like.

```
.text, #text, p{  
    color:rgb(141, 170, 112)  
}
```

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(141, 170, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 170, 112) }
```

Border

The CSS property to change the border of an element to Yxy 35.5820, 0.3344, 0.4207 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(141, 170, 112) }
```

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

```
.border{ border-color:rgb(141, 170, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 170, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 170, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 170, 112);  
box-shadow:4px 4px 4px 4px rgb(141, 170,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5820, 0.3344, 0.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 170, 112) }
```

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

```
.background{ background-color: rgb(141,  
170, 112) }
```

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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