

Converting Colors

$Yxy(35.8752, 0.3296, 0.4155)$

Have a look what the booklet for
Yxy(35.8752, 0.3296, 0.4155)
contains.

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Color

Yxy(35.9622, 0.3300, 0.4160)

Conversions

Conversions Part 1

Format	Color
Hex	8CAB74
RGB	140, 171, 116
RGB Percent	55%, 67%, 45%
CMY	0.4511, 0.3294, 0.5451
CMYK	0.18, 0.00, 0.32, 0.33
HSL	94°, 25%, 56%
HSV	94°, 32%, 67%
XYZ	28.5277, 35.9622, 21.9577
YIQ	155.4610, -0.8210, -23.6770

Conversions

Conversions Part 2

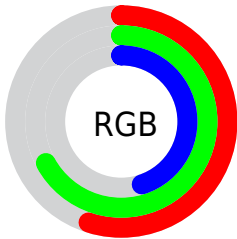
Format	Color
RYB	116, 171, 147
Decimal	9218932
CIELab	66.49, -20.80, 24.94
CIElCh	66, 32.474, 129.819
Yxy	35.9622, 0.3300, 0.4160
Android (android.graphics.Color)	4287409012 (0xFF8CAB74)
YUV	155.4610, -19.4543, -13.5593
Hunter-Lab	59.9685, -20.0303, 20.2687

Details

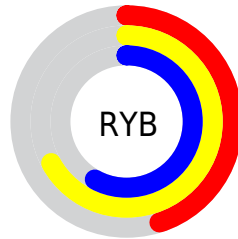
The Yxy color $35.9622, 0.3300, 0.4160$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.6341, 0.2892, 0.2441$, and the grayscale version is $33.0806, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.6892, 0.3276, 0.3981$, and $15.7227, 0.3334, 0.4469$ is the 20% darker color. If you saturate the color by 10%, you get $34.8005, 0.3343, 0.4462$, and if you desaturate by 10%, it is $37.2737, 0.3250, 0.3868$.

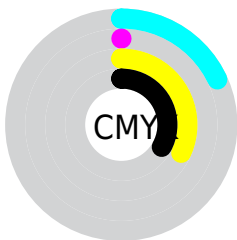
Distribution



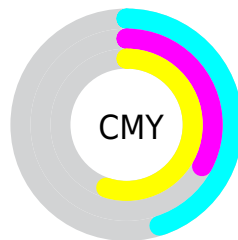
- Red (55%)
- Green (67%)
- Blue (45%)



- Red (45%)
- Yellow (67%)
- Blue (58%)



- Cyan (18%)
- Magenta (0%)
- Yellow (32%)
- Black (33%)





- Cyan (45%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9622, 0.3300, 0.4160 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 35.9622, 0.3300, 0.4160 by changing the saturation by 10% instead.


 35.9622, 0.3300,
0.4160


 35.9622, 0.3300,
0.4160


328.7953, 0.3221,
0.3690

 24.4050, 0.3316,
0.4289


 68.9737, 0.3274,
0.3980

 15.6343, 0.3333,
0.4462


 91.1968, 0.3263,
0.3916

 9.2658, 0.3348,
0.4704


 117.7440, 0.3254,
0.3862

 4.9149, 0.3353,
0.5065

148.9997, 0.3246,
0.3817

 2.1974, 0.3456,
0.5890

185.3483, 0.3238,
0.3778

 0.7186, 0.1962,
0.8038

227.1742, 0.3232,

 0.0000, 0.0000,

0.3745

0.0000

274.8617, 0.3226,
0.3715

■ 35.9622, 0.3300,
0.4160

■ 35.9622, 0.3300,
0.4160

■ 34.8005, 0.3343,
0.4462

■ 37.2737, 0.3250,
0.3868

■ 33.7780, 0.3374,
0.4764

■ 38.7359, 0.3195,
0.3594

■ 32.8899, 0.3390,
0.5052


■ 40.3555, 0.3139,
0.3342

■ 32.1293, 0.3389,
0.5310


■ 42.1375, 0.3084,
0.3113

■ 31.4884, 0.3367,
0.5523

■ 44.0866, 0.3029,
0.2906


 30.9583, 0.3326,
0.5680

 46.2072, 0.2978,
0.2722

 30.6077, 0.3287,
0.5772

 48.5037, 0.2929,
0.2558

 50.9804, 0.2883,
0.2413

 52.6439, 0.2943,
0.2412

Harmonies

Analogous

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



35.9622, 0.3757, 0.4143



35.9622, 0.3300, 0.4160



35.9622, 0.2818, 0.3879

Triad

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



35.9622, 0.3300, 0.4160



35.9622, 0.2264, 0.2623



35.9622, 0.3850, 0.3128

Complementary

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



35.9622, 0.3300, 0.4160



21.6341, 0.2892, 0.2441

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.



35.9622, 0.3395, 0.2791



35.9622, 0.3300, 0.4160



35.9622, 0.2491, 0.2502

Square

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



35.9622, 0.3300, 0.4160



35.9622, 0.2245, 0.2938



35.9622, 0.2894, 0.2567



35.9622, 0.4098, 0.3518

Rectangle

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



35.9622, 0.3300, 0.4160



35.9622, 0.2547, 0.3572



35.9622, 0.2894, 0.2567



35.9622, 0.3714, 0.3006

Sweetspot

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



35.9638, 0.3300, 0.4160



69.9222, 0.3184, 0.3542



30.5549, 0.3707, 0.3742



15.5079, 0.3192, 0.3578



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.



35.9638, 0.3300, 0.4160



62.8121, 0.3333, 0.4387



34.1673, 0.3063, 0.4172



9.1038, 0.3179, 0.3520



23.1011, 0.3294, 0.5766



0.6754, 0.3548, 0.5565

Inverse Universe

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



21.6341, 0.2892, 0.2441



32.8911, 0.2821, 0.2227



23.9845, 0.3194, 0.2543



7.9716, 0.3071, 0.3062



4.1406, 0.2168, 0.0968



0.1468, 0.2484, 0.1142

Previews

White Background



This preview shows how the Yxy color 35.9622, 0.3300, 0.4160 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 35.9622, 0.3300, 0.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

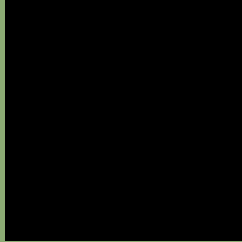
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9622, 0.3300, 0.4160

Background



This preview shows how black text looks on a background with the Yxy color 35.9622, 0.3300, 0.4160.



This preview shows how white text looks on a background with the Yxy color 35.9622, 0.3300, 0.4160.

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

35.9622, 0.3300, 0.4160

Protanopia

35.6583, 0.3712, 0.3995

Deuteranopia

35.7459, 0.3832, 0.3769



Tritanopia

35.7185, 0.2892, 0.3099

Trichromacy



Original Color

35.9622, 0.3300, 0.4160

Protanomaly

35.7839, 0.3561, 0.4066

Deuteranomaly

35.5923, 0.3626, 0.3900

Tritanomaly

35.7165, 0.3045, 0.3473

Monochromacy



Original Color

35.9622, 0.3300, 0.4160

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.8969, 0.3199, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9622, 0.3300, 0.4160 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(140, 171, 116)` looks like.

```
.text, #text, p{  
    color:rgb(140, 171, 116)  
}
```

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(140, 171, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 171, 116) }
```

Border

The CSS property to change the border of an element to Yxy 35.9622, 0.3300, 0.4160 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(140, 171, 116) }
```

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

```
.border{ border-color:rgb(140, 171, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 171, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 171, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 171, 116);  
box-shadow:4px 4px 4px 4px rgb(140, 171,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9622, 0.3300, 0.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 171, 116) }
```

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

```
.background{ background-color: rgb(140,  
171, 116) }
```

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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