

Converting Colors

$Yxy(35.6924, 0.3508, 0.3869)$

Have a look what the booklet for
Yxy(35.6924, 0.3508, 0.3869)
contains.

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Color

Yxy(35.7566, 0.3510, 0.3867)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A6A37C |
| RGB | 166, 163, 124 |
| RGB Percent | 65%, 64%, 49% |
| CMY | 0.3491, 0.3607, 0.5138 |
| CMYK | 0.00, 0.02, 0.25, 0.35 |
| HSL | 56°, 19%, 57% |
| HSV | 56°, 25%, 65% |
| XYZ | 32.4556, 35.7566, 24.2538 |
| YIQ | 159.4510, 14.3070, -11.4930 |

Conversions

Conversions Part 2

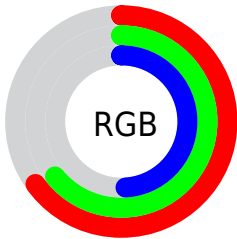
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 127, 166, 124 |
| Decimal | 10920828 |
| CIELab | 66.33, -5.41, 20.72 |
| CIELCh | 66, 21.411, 104.629 |
| Yxy | 35.7566, 0.3510, 0.3867 |
| Android (android.graphics.Color) | 4289110908 (0xFFA6A37C) |
| YUV | 159.4510, -17.4773, 5.7435 |
| Hunter-Lab | 59.7968, -7.7611, 17.8095 |

Details

The Yxy color $35.7566, 0.3510, 0.3867$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $22.1988, 0.2707, 0.2639$, and the grayscale version is $34.9635, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.6893, 0.3432, 0.3752$, and $15.4543, 0.3632, 0.4040$ is the 20% darker color. If you saturate the color by 10%, you get $34.9600, 0.3665, 0.4095$, and if you desaturate by 10%, it is $36.6309, 0.3355, 0.3635$.

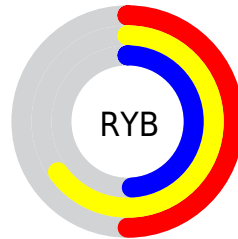
Distribution



Red (65%)

Green (64%)

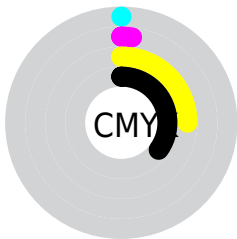
Blue (49%)



Red (50%)

Yellow (65%)

Blue (49%)

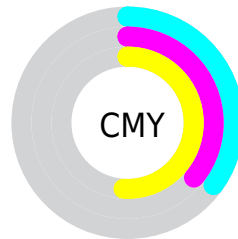


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (35%)



Cyan (35%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7566, 0.3510, 0.3867 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 35.7566, 0.3510, 0.3867 by changing the saturation by 10% instead.


 35.7566, 0.3510,
0.3867


 35.7566, 0.3510,
0.3867


327.8954, 0.3313,
0.3563

 24.2463, 0.3560,
0.3948


 68.6562, 0.3438,
0.3753

 15.5164, 0.3625,
0.4054


 90.8143, 0.3411,
0.3711

 9.1826, 0.3711,
0.4199


 117.2904, 0.3388,
0.3676

 4.8605, 0.3828,
0.4408

148.4690, 0.3369,
0.3647

 2.1656, 0.4049,
0.4798

184.7344, 0.3352,
0.3622

 0.7012, 0.4325,
0.5675

226.4710, 0.3337,

 0.0000, 0.0000,

0.3600

0.0000

274.0632, 0.3325,
0.3580

■ 35.7566, 0.3510,
0.3867

■ 35.7566, 0.3510,
0.3867

■ 34.9600, 0.3665,
0.4095

■ 36.6309, 0.3355,
0.3635

■ 34.2329, 0.3815,
0.4312

■ 37.5813, 0.3204,
0.3408

■ 33.5728, 0.3955,
0.4509

■ 38.6127, 0.3061,
0.3188

■ 32.9756, 0.4077,
0.4675

■ 39.7279, 0.2926,
0.2981

■ 32.4365, 0.4178,
0.4804

■ 40.9297, 0.2802,
0.2788

■ 31.9500, 0.4253,
0.4892

■ 42.2207, 0.2688,
0.2610

■ 31.5092, 0.4302,
0.4937

■ 43.6034, 0.2585,
0.2447

■ 31.3099, 0.4321,
0.4951

■ 44.9665, 0.2501,
0.2314

■ 45.4144, 0.2503,
0.2329

Harmonies

Analogous

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



35.7566, 0.3725, 0.3736



35.7566, 0.3510, 0.3867



35.7566, 0.3199, 0.3833

Triad

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



35.7566, 0.3510, 0.3867



35.7566, 0.2520, 0.3025



35.7566, 0.3361, 0.2984

Complementary

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



35.7566, 0.3510, 0.3867



22.1988, 0.2707, 0.2639

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.



35.7566, 0.3028, 0.2813



35.7566, 0.3510, 0.3867



35.7566, 0.2557, 0.2823

Square

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



35.7566, 0.3510, 0.3867



35.7566, 0.2635, 0.3320



35.7566, 0.2738, 0.2752



35.7566, 0.3640, 0.3230

Rectangle

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



35.7566, 0.3510, 0.3867



35.7566, 0.2982, 0.3711



35.7566, 0.2738, 0.2752



35.7566, 0.3251, 0.2917

Sweetspot

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



35.7582, 0.3510, 0.3867



67.7270, 0.3247, 0.3472



24.0598, 0.3604, 0.3237



15.0987, 0.3269, 0.3505



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.



35.7582, 0.3510, 0.3867



64.1448, 0.3592, 0.3988



35.0568, 0.3326, 0.3944



8.6821, 0.3264, 0.3498



24.3172, 0.4319, 0.4952



0.6175, 0.4274, 0.4989

Inverse Universe

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



22.1988, 0.2707, 0.2639



35.5242, 0.2606, 0.2480



22.8679, 0.2885, 0.2623



7.3822, 0.2986, 0.3073



2.3610, 0.1516, 0.0657



0.0831, 0.1585, 0.0906

Previews

White Background



This preview shows how the Yxy color 35.7566, 0.3510, 0.3867 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 35.7566, 0.3510, 0.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

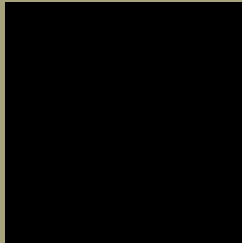
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7566, 0.3510, 0.3867

Background



This preview shows how black text looks on a background with the Yxy color 35.7566, 0.3510, 0.3867.



This preview shows how white text looks on a background with the Yxy color 35.7566, 0.3510, 0.3867.

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

35.7566, 0.3510, 0.3867

Protanopia

35.6905, 0.3588, 0.3842

Deuteranopia

35.7679, 0.3762, 0.3689



Tritanopia

35.7492, 0.3164, 0.3122

Trichromacy



Original Color

35.7566, 0.3510, 0.3867

Protanomaly

35.8168, 0.3564, 0.3860

Deuteranomaly

35.7581, 0.3675, 0.3756

Tritanomaly

35.6422, 0.3290, 0.3377

Monochromacy



Original Color

35.7566, 0.3510, 0.3867

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.8983, 0.3274, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7566, 0.3510, 0.3867 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, 163, 124)` looks like.

```
.text, #text, p{  
    color:rgb(166, 163, 124)  
}
```

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, 163, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 163, 124) }
```

Border

The CSS property to change the border of an element to Yxy 35.7566, 0.3510, 0.3867 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, 163, 124) }
```

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

```
.border{ border-color:rgb(166, 163, 124) }
```

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

Here you see how a box with a 4 pixel rgb(166, 163, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 163, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 163, 124);  
box-shadow:4px 4px 4px 4px rgb(166, 163,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7566, 0.3510, 0.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 163, 124) }
```

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

```
.background{ background-color: rgb(166,  
163, 124) }
```

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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