

Converting Colors

$Yxy(35.1544, 0.3525, 0.3843)$

Have a look what the booklet for
Yxy(35.1544, 0.3525, 0.3843)
contains.

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Color

Yxy(35.1605, 0.3527, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	A7A17C
RGB	167, 161, 124
RGB Percent	65%, 63%, 49%
CMY	0.3451, 0.3686, 0.5137
CMYK	0.00, 0.04, 0.26, 0.35
HSL	52°, 20%, 57%
HSV	52°, 26%, 65%
XYZ	32.3198, 35.1605, 24.1551
YIQ	158.5760, 15.4530, -10.2350

Conversions

Conversions Part 2

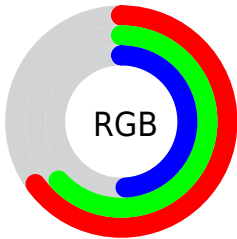
Format	Color
RYB	131, 167, 124
Decimal	10985852
CIELab	65.87, -3.91, 20.09
CIElCh	66, 20.466, 101.021
Yxy	35.1605, 0.3527, 0.3837
Android (android.graphics.Color)	4289175932 (0xFFA7A17C)
YUV	158.5760, -17.0460, 7.3878
Hunter-Lab	59.2963, -6.4760, 17.3549

Details

The Yxy color **35.1605, 0.3527, 0.3837** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.0431, 0.2703, 0.2676**, and the grayscale version is **34.5424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9740, 0.3452, 0.3729**, and **15.2373, 0.3638, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **33.9680, 0.3692, 0.4052**, and if you desaturate by 10%, it is **36.4429, 0.3366, 0.3620**.

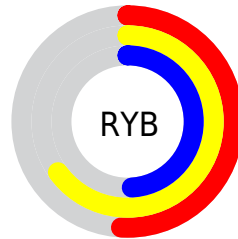
Distribution



Red (65%)

Green (63%)

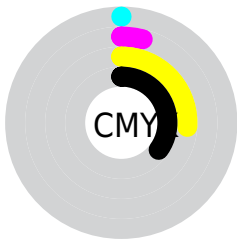
Blue (49%)



Red (51%)

Yellow (65%)

Blue (49%)

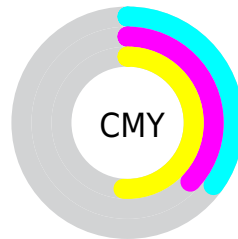


Cyan (0%)

Magenta (4%)

Yellow (26%)

Black (35%)



Cyan (35%)


Magenta (37%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1605, 0.3527, 0.3837 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 35.1605, 0.3527, 0.3837 by changing the saturation by 10% instead.


 35.1605, 0.3527,
0.3837


 35.1605, 0.3527,
0.3837


325.2762, 0.3320,
0.3549


 23.7865, 0.3580,
0.3913


 67.7343, 0.3450,
0.3729

 15.1753, 0.3649,
0.4014


 89.7030, 0.3422,
0.3690

 8.9425, 0.3742,
0.4151


 115.9720, 0.3398,
0.3657

 4.7037, 0.3871,
0.4349

146.9258, 0.3378,
0.3629

 2.0745, 0.4117,
0.4724

182.9487, 0.3361,
0.3604

 0.6502, 0.4455,
0.5545

224.4251, 0.3345,

 0.0000, 0.0000,

0.3584

0.0000

271.7395, 0.3332,
0.3565

■ 35.1605, 0.3527,
0.3837

■ 35.1605, 0.3527,
0.3837

■ 33.9680, 0.3692,
0.4052

■ 36.4429, 0.3366,
0.3620

■ 32.8570, 0.3854,
0.4256

■ 37.8139, 0.3212,
0.3408

■ 31.8250, 0.4010,
0.4442

■ 39.2782, 0.3067,
0.3205

■ 30.8677, 0.4151,
0.4599

■ 40.8390, 0.2933,
0.3013

■ 29.9801, 0.4271,
0.4720

■ 42.4991, 0.2810,
0.2834

■ 29.1565, 0.4366,
0.4797

■ 44.2612, 0.2698,
0.2669

■ 28.3896, 0.4434,
0.4832

■ 46.1280, 0.2597,
0.2517

■ 28.0730, 0.4460,
0.4841

■ 47.9327, 0.2520,
0.2404

■ 48.8787, 0.2523,
0.2432

Harmonies

Analogous

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



35.1605, 0.3717, 0.3697



35.1605, 0.3527, 0.3837



35.1605, 0.3235, 0.3824

Triad

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



35.1605, 0.3527, 0.3837



35.1605, 0.2548, 0.3066



35.1605, 0.3314, 0.2971

Complementary

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



35.1605, 0.3527, 0.3837



23.0431, 0.2703, 0.2676

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.



35.1605, 0.2995, 0.2817



35.1605, 0.3527, 0.3837



35.1605, 0.2566, 0.2858

Square

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



35.1605, 0.3527, 0.3837



35.1605, 0.2676, 0.3357



35.1605, 0.2725, 0.2774



35.1605, 0.3593, 0.3202

Rectangle

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



35.1605, 0.3527, 0.3837



35.1605, 0.3024, 0.3720



35.1605, 0.2725, 0.2774



35.1605, 0.3208, 0.2909

Sweetspot

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



35.1621, 0.3527, 0.3837



67.1170, 0.3248, 0.3459



24.2576, 0.3580, 0.3192



14.9380, 0.3270, 0.3490



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.



35.1621, 0.3527, 0.3837



61.7099, 0.3623, 0.3963



35.7640, 0.3358, 0.3950



8.5927, 0.3265, 0.3483



21.5351, 0.4457, 0.4843



0.5713, 0.4358, 0.4922

Inverse Universe

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



23.0431, 0.2703, 0.2676



36.2111, 0.2594, 0.2513



22.7019, 0.2850, 0.2604



7.4631, 0.2986, 0.3090



2.6578, 0.1536, 0.0729



0.1137, 0.1660, 0.1174

Previews

White Background



This preview shows how the Yxy color 35.1605, 0.3527, 0.3837 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 35.1605, 0.3527, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

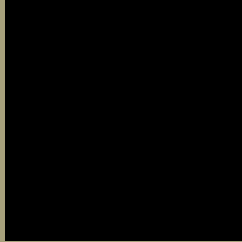
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

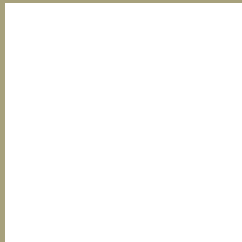
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.1605, 0.3527, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 35.1605, 0.3527, 0.3837.



This preview shows how white text looks on a background with the Yxy color 35.1605, 0.3527, 0.3837.

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

35.1605, 0.3527, 0.3837

Protanopia

35.2296, 0.3582, 0.3830

Deuteranopia

35.1824, 0.3745, 0.3679



Tritanopia

35.0034, 0.3184, 0.3121

Trichromacy



Original Color

35.1605, 0.3527, 0.3837

Protanomaly

35.1177, 0.3571, 0.3832

Deuteranomaly

35.2979, 0.3668, 0.3744

Tritanomaly

34.8944, 0.3312, 0.3377

Monochromacy



Original Color

35.1605, 0.3527, 0.3837

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 35.1605, 0.3527, 0.3837 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(167, 161, 124)` looks like.

```
.text, #text, p{  
    color:rgb(167, 161, 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(167, 161, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 161, 124) }
```

Border

The CSS property to change the border of an element to Yxy 35.1605, 0.3527, 0.3837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

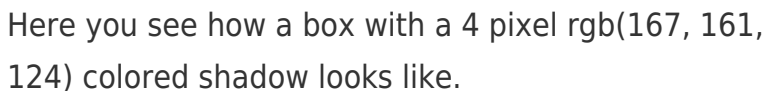
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 161, 124) }
```

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

```
.border{ border-color:rgb(167, 161, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 161, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 161, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 161, 124); box-shadow:4px 4px 4px 4px rgb(167, 161, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1605, 0.3527, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 161, 124) }
```

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

```
.background{ background-color: rgb(167,  
161, 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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