

Converting Colors

$Yxy(35.7906, 0.3625, 0.3697)$

Have a look what the booklet for
Yxy(35.7906, 0.3625, 0.3697)
contains.

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Color

Yxy(35.7420, 0.3625, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	B49E81
RGB	180, 158, 129
RGB Percent	71%, 62%, 51%
CMY	0.2942, 0.3803, 0.4941
CMYK	0.00, 0.12, 0.28, 0.29
HSL	34°, 25%, 61%
HSV	34°, 28%, 71%
XYZ	35.0080, 35.7420, 25.8239
YIQ	161.2720, 22.4210, -4.3550

Conversions

Conversions Part 2

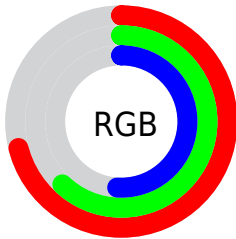
Format	Color
R_{YB}	168, 180, 129
Decimal	11837057
CIE _{Lab}	66.32, 3.57, 18.14
CIE _{LCh}	66, 18.485, 78.857
Yxy	35.7420, 0.3625, 0.3701
Android (android.graphics.Color)	4290027137 (0xFFB49E81)
YUV	161.2720, -15.9101, 16.4245
Hunter-Lab	59.7846, -0.0989, 16.2390

Details

The Yxy color **35.7420, 0.3625, 0.3701** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.0857, 0.2677, 0.2840**, and the grayscale version is **35.8413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7988, 0.3524, 0.3628**, and **15.5302, 0.3769, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **32.7431, 0.3838, 0.3851**, and if you desaturate by 10%, it is **38.9955, 0.3431, 0.3551**.

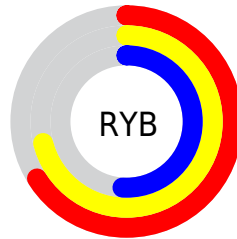
Distribution



Red (71%)

Green (62%)

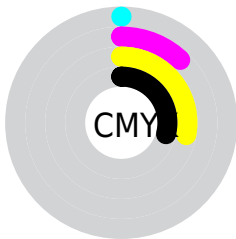
Blue (51%)



Red (66%)

Yellow (71%)

Blue (51%)

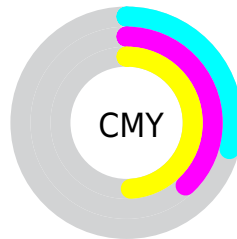


Cyan (0%)

Magenta (12%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7420, 0.3625, 0.3701 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 35.7420, 0.3625, 0.3701 by changing the saturation by 10% instead.

 35.7420, 0.3625,
0.3701


 35.7420, 0.3625,
0.3701


327.8315, 0.3365,
0.3490

 24.2350, 0.3693,
0.3755


 68.6337, 0.3528,
0.3623

 15.5080, 0.3783,
0.3825


 90.7871, 0.3492,
0.3594

 9.1767, 0.3905,
0.3919


 117.2582, 0.3462,
0.3570

 4.8566, 0.4079,
0.4050

148.4313, 0.3437,
0.3549

 2.1634, 0.4366,
0.4257

184.6907, 0.3415,
0.3531

 0.6999, 0.5181,
0.4819

226.4210, 0.3396,

 0.0000, 0.0000,

0.3516

0.0000

274.0064, 0.3380,
0.3502

■ 35.7420, 0.3625,
0.3701

■ 35.7420, 0.3625,
0.3701

■ 32.7431, 0.3838,
0.3851

■ 38.9955, 0.3431,
0.3551

■ 29.9864, 0.4069,
0.3995

■ 42.5057, 0.3257,
0.3405

■ 27.4656, 0.4310,
0.4122

■ 46.2810, 0.3103,
0.3267

■ 25.1721, 0.4553,
0.4222

■ 50.3279, 0.2966,
0.3139

■ 23.0965, 0.4786,
0.4283

■ 54.6525, 0.2846,
0.3019

■ 21.2282, 0.4995,
0.4295

■ 59.2607, 0.2741,
0.2909

■ 19.5520, 0.5174,
0.4258

■ 64.1584, 0.2648,
0.2809

■ 19.2862, 0.5203,
0.4250

■ 68.1377, 0.2658,
0.2898

■ 72.3053, 0.2667,
0.2987

Harmonies

Analogous

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



35.7420, 0.3689, 0.3508



35.7420, 0.3625, 0.3701



35.7420, 0.3425, 0.3792

Triad

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



35.7420, 0.3625, 0.3701



35.7420, 0.2679, 0.3280



35.7420, 0.3083, 0.2890

Complementary

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



35.7420, 0.3625, 0.3701



30.0857, 0.2677, 0.2840

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.



35.7420, 0.2821, 0.2823



35.7420, 0.3625, 0.3701



35.7420, 0.2596, 0.3032

Square

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



35.7420, 0.3625, 0.3701



35.7420, 0.2879, 0.3545



35.7420, 0.2647, 0.2870



35.7420, 0.3368, 0.3052

Rectangle

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



35.7420, 0.3625, 0.3701



35.7420, 0.3246, 0.3773



35.7420, 0.2647, 0.2870



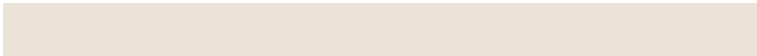
35.7420, 0.2989, 0.2856

Sweetspot

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



35.7436, 0.3625, 0.3701



77.2151, 0.3254, 0.3403



27.6398, 0.3474, 0.2977



16.4769, 0.3279, 0.3424



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.7436, 0.3625, 0.3701



61.3692, 0.3756, 0.3795



43.5166, 0.3516, 0.3993



9.2810, 0.3273, 0.3420



13.5997, 0.5188, 0.4263



0.5411, 0.4842, 0.4538

Inverse Universe

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



30.0857, 0.2677, 0.2840



49.4124, 0.2572, 0.2723



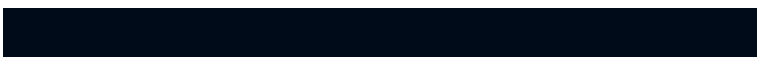
23.9343, 0.2673, 0.2492



8.8124, 0.2985, 0.3157



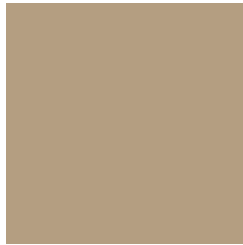
6.1884, 0.1717, 0.1381



0.3114, 0.1873, 0.1941

Previews

White Background



This preview shows how the Yxy color 35.7420, 0.3625, 0.3701 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 35.7420, 0.3625, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

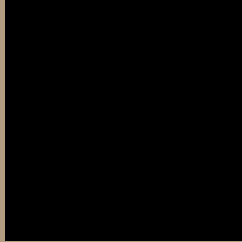
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

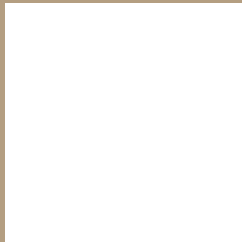
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.7420, 0.3625, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 35.7420, 0.3625, 0.3701.



This preview shows how white text looks on a background with the Yxy color 35.7420, 0.3625, 0.3701.

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

35.7420, 0.3625, 0.3701

Protanopia

35.7594, 0.3512, 0.3741

Deuteranopia

35.7458, 0.3711, 0.3635



Tritanopia

35.6894, 0.3325, 0.3127

Trichromacy



Original Color

35.7420, 0.3625, 0.3701

Protanomaly

35.7520, 0.3546, 0.3723

Deuteranomaly

35.7029, 0.3675, 0.3653

Tritanomaly

35.7770, 0.3439, 0.3332

Monochromacy



Original Color

35.7420, 0.3625, 0.3701

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.6364, 0.3306, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7420, 0.3625, 0.3701 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(180, 158, 129)` looks like.

```
.text, #text, p{  
    color:rgb(180, 158, 129)  
}
```

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(180, 158, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 158, 129) }
```

Border

The CSS property to change the border of an element to Yxy 35.7420, 0.3625, 0.3701 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(180, 158, 129) }
```

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

```
.border{ border-color:rgb(180, 158, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 158, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 158, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 158, 129);  
box-shadow:4px 4px 4px 4px rgb(180, 158,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7420, 0.3625, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 158, 129) }
```

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

```
.background{ background-color: rgb(180,  
158, 129) }
```

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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