

Converting Colors

$Yxy(38.1507, 0.3355, 0.3526)$

Have a look what the booklet for
Yxy(38.1507, 0.3355, 0.3526)
contains.

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Color

Yxy(38.0789, 0.3356, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	AEA595
RGB	174, 165, 149
RGB Percent	68%, 65%, 58%
CMY	0.3176, 0.3529, 0.4158
CMYK	0.00, 0.05, 0.14, 0.32
HSL	38°, 13%, 63%
HSV	38°, 14%, 68%
XYZ	36.3357, 38.0789, 33.8563
YIQ	165.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

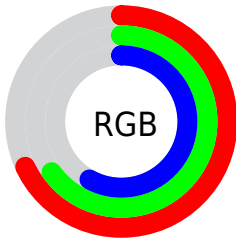
Format	Color
RYB	163, 174, 149
Decimal	11445653
CIELab	68.08, 0.48, 9.47
CIELCh	68, 9.480, 87.120
Yxy	38.0789, 0.3356, 0.3517
Android (android.graphics.Color)	4289635733 (0xFFAEA595)
YUV	165.8670, -8.3154, 7.1326
Hunter-Lab	61.7081, -2.8826, 10.6660

Details

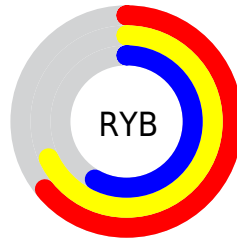
The Yxy color **38.0789, 0.3356, 0.3517** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8911, 0.2905, 0.3052**, and the grayscale version is **38.1035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3212, 0.3315, 0.3474**, and **16.7570, 0.3425, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **35.3620, 0.3535, 0.3683**, and if you desaturate by 10%, it is **40.9929, 0.3193, 0.3357**.

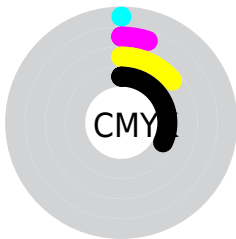
Distribution



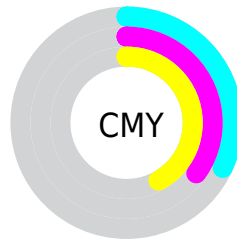
- Red (68%)
- Green (65%)
- Blue (58%)



- Red (64%)
- Yellow (68%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (32%)





- Cyan (32%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0789, 0.3356, 0.3517 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 38.0789, 0.3356, 0.3517 by changing the saturation by 10% instead.


 38.0789, 0.3356,
0.3517


 38.0789, 0.3356,
0.3517


337.9583, 0.3238,
0.3400

 26.0439, 0.3387,
0.3547


 72.2291, 0.3312,
0.3474

 16.8565, 0.3427,
0.3587


 95.1130, 0.3296,
0.3457

 10.1322, 0.3483,
0.3642


122.3821, 0.3282,
0.3444

 5.4867, 0.3563,
0.3720

154.4207, 0.3271,
0.3433

 2.5356, 0.3688,
0.3843

191.6133, 0.3261,
0.3423

 0.8944, 0.4167,
0.4325

234.3441, 0.3252,

 0.0000, 0.0000,

0.3414

0.0000

282.9977, 0.3244,
0.3407

■ 38.0789, 0.3356,
0.3517

■ 38.0789, 0.3356,
0.3517

■ 35.3620, 0.3535,
0.3683

■ 40.9929, 0.3193,
0.3357

■ 32.8317, 0.3731,
0.3850

■ 44.1037, 0.3047,
0.3207

■ 30.4844, 0.3939,
0.4013

■ 47.4180, 0.2917,
0.3066

■ 28.3140, 0.4154,
0.4163

■ 50.9401, 0.2801,
0.2935

■ 26.3141, 0.4371,
0.4290

■ 54.6746, 0.2698,
0.2815

■ 24.4778, 0.4577,
0.4382

■ 58.6256, 0.2607,
0.2705

■ 22.7972, 0.4763,
0.4429

■ 61.7386, 0.2608,
0.2763

■ 21.2632, 0.4920,
0.4427

■ 64.8684, 0.2616,
0.2837

■ 20.4567, 0.5000,
0.4412

■ 68.1204, 0.2625,
0.2910

Harmonies

Analogous

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



38.0789, 0.3407, 0.3436



38.0789, 0.3356, 0.3517



38.0789, 0.3244, 0.3538

Triad

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



38.0789, 0.3356, 0.3517



38.0789, 0.2880, 0.3252



38.0789, 0.3147, 0.3102

Complementary

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



38.0789, 0.3356, 0.3517



33.8911, 0.2905, 0.3052

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.



38.0789, 0.3007, 0.3053



38.0789, 0.3356, 0.3517



38.0789, 0.2855, 0.3136

Square

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



38.0789, 0.3356, 0.3517



38.0789, 0.2970, 0.3383



38.0789, 0.2901, 0.3065



38.0789, 0.3285, 0.3198

Rectangle

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



38.0789, 0.3356, 0.3517



38.0789, 0.3151, 0.3513



38.0789, 0.2901, 0.3065



38.0789, 0.3099, 0.3080

Sweetspot

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



38.0806, 0.3356, 0.3517



74.5194, 0.3188, 0.3352



32.9601, 0.3296, 0.3160



16.4725, 0.3200, 0.3364



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.0806, 0.3356, 0.3517



67.5922, 0.3407, 0.3565



41.0677, 0.3307, 0.3643



8.8380, 0.3271, 0.3435



14.9503, 0.4989, 0.4421



0.5146, 0.4693, 0.4656

Inverse Universe

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



33.8911, 0.2905, 0.3052



58.6403, 0.2857, 0.2999



31.2479, 0.2932, 0.2919



8.2113, 0.2986, 0.3141



4.8674, 0.1660, 0.1177



0.2409, 0.1838, 0.1816

Previews

White Background



This preview shows how the Yxy color 38.0789, 0.3356, 0.3517 looks on a white background.

Color Contrast Check

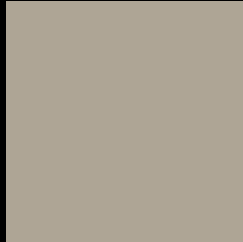
Large Text (above 18pt) WCAG AA × Fail

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 38.0789, 0.3356, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

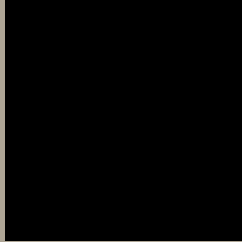
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

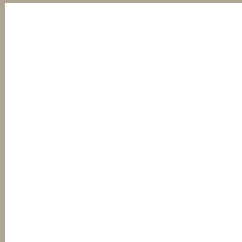
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0789, 0.3356, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 38.0789, 0.3356, 0.3517.

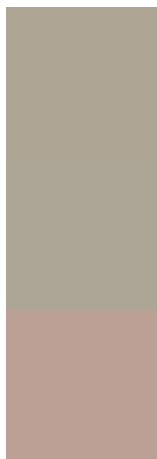


This preview shows how white text looks on a background with the Yxy color 38.0789, 0.3356, 0.3517.

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

38.0789, 0.3356, 0.3517

Protanopia

37.9644, 0.3346, 0.3517

Deuteranopia

38.0350, 0.3497, 0.3427



Tritanopia

37.8928, 0.3164, 0.3113

Trichromacy



Original Color

38.0789, 0.3356, 0.3517

Protanomaly

37.9644, 0.3346, 0.3517

Deuteranomaly

38.1099, 0.3442, 0.3456

Tritanomaly

37.7874, 0.3234, 0.3249

Monochromacy



Original Color

38.0789, 0.3356, 0.3517

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2455, 0.3207, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0789, 0.3356, 0.3517 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(174, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(174, 165, 149)  
}
```

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(174, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 165, 149) }
```

Border

The CSS property to change the border of an element to Yxy 38.0789, 0.3356, 0.3517 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(174, 165, 149) }
```

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

```
.border{ border-color:rgb(174, 165, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 165, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(174, 165,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0789, 0.3356, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 165, 149) }
```

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

```
.background{ background-color: rgb(174,  
165, 149) }
```

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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