

Converting Colors

Yxy(44.4566, 0.3341, 0.3503)

Have a look what the booklet for
Yxy(44.4566, 0.3341, 0.3503)
contains.

Yxy(44.4566, 0.3341, 0.3503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.4566, 0.3341, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	BAB1A1
RGB	186, 177, 161
RGB Percent	73%, 69%, 63%
CMY	0.2706, 0.3058, 0.3687
CMYK	0.00, 0.05, 0.13, 0.27
HSL	38°, 15%, 68%
HSV	38°, 13%, 73%
XYZ	42.4007, 44.4566, 40.0528
YIQ	177.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

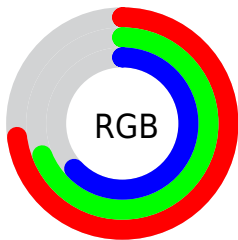
Format	Color
RYB	175, 186, 161
Decimal	12235169
CIELab	72.53, 0.44, 9.34
CIELCh	73, 9.350, 87.309
Yxy	44.4566, 0.3341, 0.3503
Android (android.graphics.Color)	4290425249 (0xFFBAB1A1)
YUV	177.8670, -8.3154, 7.1326
Hunter-Lab	66.6758, -3.1704, 11.0569

Details

The Yxy color $44.4566, 0.3341, 0.3503$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.8508, 0.2919, 0.3068$, and the grayscale version is $44.4868, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.1129, 0.3298, 0.3465$, and $20.7579, 0.3411, 0.3582$ is the 20% darker color. If you saturate the color by 10%, you get $41.2776, 0.3520, 0.3669$, and if you desaturate by 10%, it is $47.8661, 0.3179, 0.3343$.

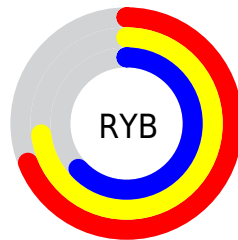
Distribution



Red (73%)

Green (69%)

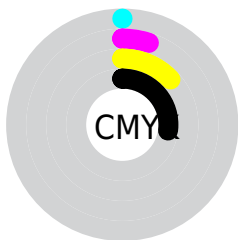
Blue (63%)



Red (69%)

Yellow (73%)

Blue (63%)

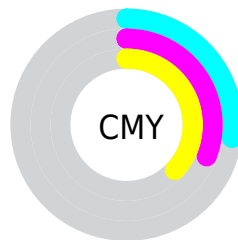


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4566, 0.3341, 0.3503 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 44.4566, 0.3341, 0.3503 by changing the saturation by 10% instead.

■ 44.4566, 0.3341,
0.3503

■ 44.4566, 0.3341,
0.3503

364.5683, 0.3233,
0.3396

■ 31.0296, 0.3368,
0.3530

■ 81.9044, 0.3302,
0.3464

■ 20.6214, 0.3403,
0.3565

■ 106.6940, 0.3287,
0.3449

■ 12.8476, 0.3450,
0.3611

136.0399, 0.3274,
0.3437

■ 7.3237, 0.3517,
0.3677

170.3265, 0.3264,
0.3426

■ 3.6653, 0.3616,
0.3775

209.9383, 0.3255,
0.3417

■ 1.4882, 0.3787,
0.3942

255.2596, 0.3247,

■ 0.2804, 0.4972,

0.3409

0.5028

306.6748, 0.3239,
0.3402

0.0000, 0.0000,
0.0000

44.4566, 0.3341,
0.3503

44.4566, 0.3341,
0.3503

41.2776, 0.3520,
0.3669

47.8661, 0.3179,
0.3343

38.3171, 0.3715,
0.3838

51.5061, 0.3034,
0.3192

35.5706, 0.3923,
0.4002

55.3841, 0.2904,
0.3051

33.0312, 0.4139,
0.4155

59.5053, 0.2789,
0.2921

30.6914, 0.4356,
0.4284

63.8749, 0.2688,
0.2802

■ 28.5432, 0.4564,
0.4379

■ 67.3141, 0.2689,
0.2868

■ 26.5772, 0.4752,
0.4430

■ 70.8263, 0.2697,
0.2944

■ 24.7830, 0.4911,
0.4430

■ 74.4793, 0.2704,
0.3020

■ 23.6882, 0.5003,
0.4410

■ 78.2747, 0.2712,
0.3094

Harmonies

Analogous

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



44.4566, 0.3389, 0.3427



44.4566, 0.3341, 0.3503



44.4566, 0.3236, 0.3522

Triad

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



44.4566, 0.3341, 0.3503



44.4566, 0.2895, 0.3254



44.4566, 0.3147, 0.3114

Complementary

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



44.4566, 0.3341, 0.3503



39.8508, 0.2919, 0.3068

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.



44.4566, 0.3016, 0.3068



44.4566, 0.3341, 0.3503



44.4566, 0.2872, 0.3145

Square

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



44.4566, 0.3341, 0.3503



44.4566, 0.2979, 0.3376



44.4566, 0.2916, 0.3078



44.4566, 0.3275, 0.3205

Rectangle

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



44.4566, 0.3341, 0.3503



44.4566, 0.3148, 0.3498



44.4566, 0.2916, 0.3078



44.4566, 0.3102, 0.3093

Sweetspot

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



44.4586, 0.3341, 0.3503



86.3794, 0.3189, 0.3353



38.8268, 0.3285, 0.3168



18.9163, 0.3200, 0.3365



95.5105, 0.3127, 0.3290



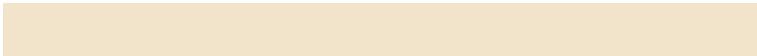
19.5994, 0.3127, 0.3290

Same Dimension

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



44.4586, 0.3341, 0.3503



78.9306, 0.3390, 0.3549



47.7095, 0.3296, 0.3621



9.9464, 0.3272, 0.3436



16.0849, 0.4989, 0.4421



0.6797, 0.4735, 0.4622

Inverse Universe

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



39.8508, 0.2919, 0.3068



69.0236, 0.2873, 0.3016



36.9517, 0.2945, 0.2943



9.2329, 0.2985, 0.3139



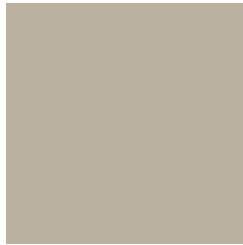
5.1964, 0.1658, 0.1170



0.3026, 0.1810, 0.1714

Previews

White Background



This preview shows how the Yxy color 44.4566, 0.3341, 0.3503 looks on a white background.

Color Contrast Check

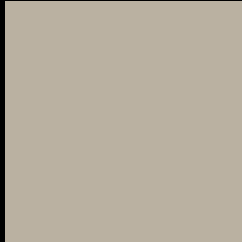
Large Text (above 18pt) WCAG AA × Fail

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 44.4566, 0.3341, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

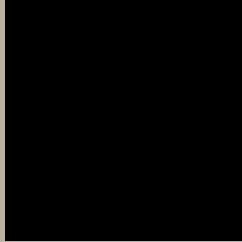
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4566, 0.3341, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 44.4566, 0.3341, 0.3503.

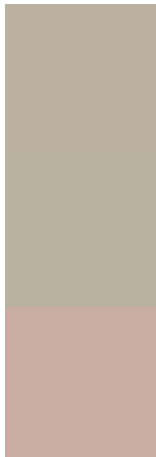


This preview shows how white text looks on a background with the Yxy color 44.4566, 0.3341, 0.3503.

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

44.4566, 0.3341, 0.3503

Protanopia

44.3318, 0.3332, 0.3503

Deuteranopia

44.5312, 0.3482, 0.3418



Tritanopia

44.4221, 0.3162, 0.3111

Trichromacy



Original Color

44.4566, 0.3341, 0.3503

Protanomaly

44.3318, 0.3332, 0.3503

Deuteranomaly

44.6165, 0.3431, 0.3446

Tritanomaly

44.3053, 0.3228, 0.3239

Monochromacy



Original Color

44.4566, 0.3341, 0.3503

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6431, 0.3202, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4566, 0.3341, 0.3503 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(186, 177, 161)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 161)  
}
```

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(186, 177, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 161) }
```

Border

The CSS property to change the border of an element to Yxy 44.4566, 0.3341, 0.3503 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(186, 177, 161) }
```

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

```
.border{ border-color:rgb(186, 177, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 177, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 177, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 177, 161);  
box-shadow:4px 4px 4px 4px rgb(186, 177,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4566, 0.3341, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 177, 161) }
```

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

```
.background{ background-color: rgb(186,  
177, 161) }
```

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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