

Converting Colors

$Yxy(43.6384, 0.3212, 0.3370)$

Have a look what the booklet for
Yxy(43.6384, 0.3212, 0.3370)
contains.

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Color

Yxy(43.6562, 0.3212, 0.3371)

Conversions

Conversions Part 1

Format	Color
Hex	B4B0AA
RGB	180, 176, 170
RGB Percent	71%, 69%, 67%
CMY	0.2942, 0.3097, 0.3334
CMYK	0.00, 0.02, 0.06, 0.29
HSL	36°, 6%, 69%
HSV	36°, 6%, 71%
XYZ	41.5971, 43.6562, 44.2519
YIQ	176.5120, 4.3100, -1.0180

Conversions

Conversions Part 2

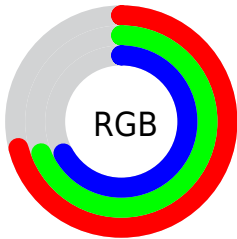
Format	Color
RYB	177, 180, 170
Decimal	11841706
CIELab	72.00, 0.31, 3.58
CIELCh	72, 3.590, 84.980
Yxy	43.6562, 0.3212, 0.3371
Android (android.graphics.Color)	4290031786 (0xFFB4B0AA)
YUV	176.5120, -3.2104, 3.0590
Hunter-Lab	66.0728, -3.2503, 6.5418

Details

The Yxy color **43.6562, 0.3212, 0.3371** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.0855, 0.3044, 0.3208**, and the grayscale version is **43.7113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9823, 0.3199, 0.3363**, and **20.2353, 0.3232, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **40.3000, 0.3379, 0.3523**, and if you desaturate by 10%, it is **47.2563, 0.3063, 0.3227**.

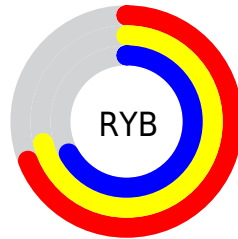
Distribution



Red (71%)

Green (69%)

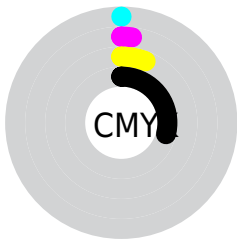
Blue (67%)



Red (69%)

Yellow (71%)

Blue (67%)

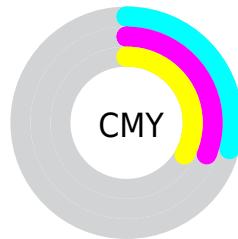


Cyan (0%)

Magenta (2%)

Yellow (6%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6562, 0.3212, 0.3371 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 43.6562, 0.3212, 0.3371 by changing the saturation by 10% instead.

■ 43.6562, 0.3212,
0.3371

■ 43.6562, 0.3212,
0.3371

361.3035, 0.3169,
0.3330

■ 30.4003, 0.3223,
0.3381

■ 80.7002, 0.3196,
0.3356

■ 20.1426, 0.3237,
0.3395

105.2570, 0.3190,
0.3350

■ 12.4988, 0.3256,
0.3413

134.3497, 0.3185,
0.3346

■ 7.0843, 0.3283,
0.3438

168.3625, 0.3181,
0.3342

■ 3.5149, 0.3324,
0.3477

207.6799, 0.3178,
0.3338

■ 1.4061, 0.3394,
0.3543

252.6863, 0.3174,

■ 0.2212, 0.4963,

0.3335

0.5037

303.7660, 0.3172,
0.3333

0.0000, 0.0000,
0.0000

43.6562, 0.3212,
0.3371

43.6562, 0.3212,
0.3371

40.3000, 0.3379,
0.3523

47.2563, 0.3063,
0.3227

37.1760, 0.3564,
0.3681

51.1003, 0.2931,
0.3093

34.2798, 0.3767,
0.3840

55.1956, 0.2814,
0.2969

31.6047, 0.3985,
0.3994

59.5476, 0.2711,
0.2855

29.1437, 0.4213,
0.4135

63.8373, 0.2647,
0.2801

■ 26.8890, 0.4443,
0.4251

■ 67.4732, 0.2656,
0.2884

■ 24.8323, 0.4664,
0.4330

■ 71.2683, 0.2665,
0.2966

■ 22.9644, 0.4864,
0.4364

■ 75.2246, 0.2674,
0.3047

■ 21.2739, 0.5033,
0.4346

■ 79.3441, 0.2683,
0.3127

Harmonies

Analogous

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



43.6562, 0.3228, 0.3341



43.6562, 0.3212, 0.3371



43.6562, 0.3173, 0.3379

Triad

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



43.6562, 0.3212, 0.3371



43.6562, 0.3039, 0.3281



43.6562, 0.3131, 0.3219

Complementary

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



43.6562, 0.3212, 0.3371



42.0855, 0.3044, 0.3208

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.



43.6562, 0.3081, 0.3203



43.6562, 0.3212, 0.3371



43.6562, 0.3028, 0.3238

Square

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



43.6562, 0.3212, 0.3371



43.6562, 0.3073, 0.3327



43.6562, 0.3043, 0.3209



43.6562, 0.3181, 0.3254

Rectangle

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



43.6562, 0.3212, 0.3371



43.6562, 0.3140, 0.3371



43.6562, 0.3043, 0.3209



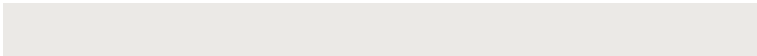
43.6562, 0.3114, 0.3211

Sweetspot

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



43.6581, 0.3212, 0.3371



81.4337, 0.3158, 0.3319



41.4960, 0.3184, 0.3237



17.6159, 0.3156, 0.3318



91.1408, 0.3127, 0.3290



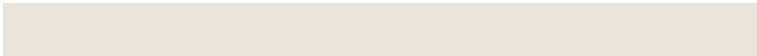
17.8868, 0.3127, 0.3290

Same Dimension

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



43.6581, 0.3212, 0.3371



78.2046, 0.3237, 0.3394



45.1147, 0.3199, 0.3424



9.4702, 0.3242, 0.3399



14.4952, 0.5090, 0.4340



0.5661, 0.4779, 0.4587

Inverse Universe

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



42.0855, 0.3044, 0.3208



74.5871, 0.3019, 0.3183



40.6901, 0.3053, 0.3154



9.0115, 0.3014, 0.3178



5.5954, 0.1688, 0.1277



0.2916, 0.1849, 0.1856

Previews

White Background



This preview shows how the Yxy color 43.6562, 0.3212, 0.3371 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 43.6562, 0.3212, 0.3371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

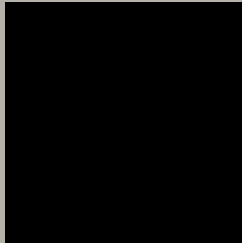
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

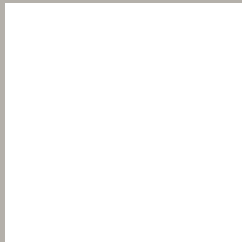
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6562, 0.3212, 0.3371

Background



This preview shows how black text looks on a background with the Yxy color 43.6562, 0.3212, 0.3371.



This preview shows how white text looks on a background with the Yxy color 43.6562, 0.3212, 0.3371.

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

43.6562, 0.3212, 0.3371

Protanopia

43.7767, 0.3221, 0.3370

Deuteranopia

43.6682, 0.3347, 0.3291



Tritanopia

43.4201, 0.3092, 0.3107

Trichromacy



Original Color

43.6562, 0.3212, 0.3371

Protanomaly

43.7767, 0.3221, 0.3370

Deuteranomaly

43.7746, 0.3298, 0.3317

Tritanomaly

43.4321, 0.3131, 0.3198

Monochromacy



Original Color

43.6562, 0.3212, 0.3371

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9653, 0.3160, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6562, 0.3212, 0.3371 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, 176, 170)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 170)  
}
```

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, 176, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.6562, 0.3212, 0.3371 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, 176, 170) }
```

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

```
.border{ border-color:rgb(180, 176, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6562, 0.3212, 0.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 170) }
```

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

```
.background{ background-color: rgb(180,  
176, 170) }
```

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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