

Converting Colors

$Yxy(43.6590, 0.3292, 0.3564)$

Have a look what the booklet for
Yxy(43.6590, 0.3292, 0.3564)
contains.

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Color

Yxy(43.7744, 0.3292, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	B2B29E
RGB	178, 178, 158
RGB Percent	70%, 70%, 62%
CMY	0.3019, 0.3020, 0.3804
CMYK	0.00, 0.00, 0.11, 0.30
HSL	60°, 12%, 66%
HSV	60°, 11%, 70%
XYZ	40.4563, 43.7744, 38.6621
YIQ	175.7200, 6.4200, -6.2200

Conversions

Conversions Part 2

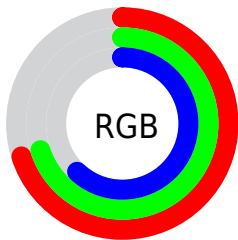
Format	Color
RYB	158, 178, 158
Decimal	11711134
CIELab	72.08, -3.53, 10.23
CIELCh	72, 10.825, 109.034
Yxy	43.7744, 0.3292, 0.3562
Android (android.graphics.Color)	4289901214 (0xFFB2B29E)
YUV	175.7200, -8.7360, 1.9996
Hunter-Lab	66.1622, -6.6363, 11.6673

Details

The Yxy color $43.7744, 0.3292, 0.3562$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $34.9469, 0.2953, 0.3003$, and the grayscale version is $43.3091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1422, 0.3260, 0.3510$, and $20.0887, 0.3332, 0.3629$ is the 20% darker color. If you saturate the color by 10%, you get $43.1960, 0.3442, 0.3809$, and if you desaturate by 10%, it is $44.4455, 0.3145, 0.3320$.

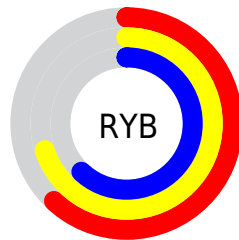
Distribution



Red (70%)

Green (70%)

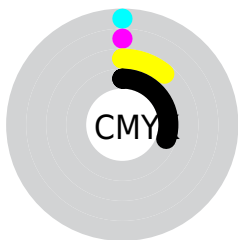
Blue (62%)



Red (62%)

Yellow (70%)

Blue (62%)

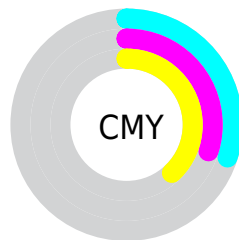


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (30%)



Cyan (30%)


Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7744, 0.3292, 0.3562 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 43.7744, 0.3292, 0.3562 by changing the saturation by 10% instead.


 43.7744, 0.3292,
0.3562

 43.7744, 0.3292,
0.3562


361.7869, 0.3209,
0.3424

 30.4932, 0.3313,
0.3597


 80.8782, 0.3262,
0.3511

 20.2132, 0.3339,
0.3643


 105.4695, 0.3251,
0.3492

 12.5501, 0.3375,
0.3705


134.5997, 0.3241,
0.3476

 7.1195, 0.3425,
0.3794

168.6531, 0.3233,
0.3463

 3.5370, 0.3498,
0.3929

208.0141, 0.3226,
0.3451

 1.4181, 0.3636,
0.4181

253.0672, 0.3220,

 0.2300, 0.3654,

0.3441

0.6346

304.1966, 0.3214,
0.3432

0.0000, 0.0000,
0.0000

43.7744, 0.3292,
0.3562

43.7744, 0.3292,
0.3562

43.1960, 0.3442,
0.3809

44.4455, 0.3145,
0.3320

42.7006, 0.3591,
0.4055

45.2071, 0.3005,
0.3088

42.2862, 0.3734,
0.4290

46.0644, 0.2872,
0.2870

41.9483, 0.3864,
0.4506

47.0207, 0.2750,
0.2667

41.6821, 0.3978,
0.4693

48.0791, 0.2637,
0.2481

■ 41.4823, 0.4069,
0.4843

■ 48.5941, 0.2590,
0.2403

■ 41.3426, 0.4135,
0.4951

■ 48.6052, 0.2590,
0.2404

■ 41.2558, 0.4176,
0.5018

■ 48.6162, 0.2590,
0.2404

■ 41.2100, 0.4196,
0.5050

■ 48.6273, 0.2590,
0.2404

Harmonies

Analogous

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



43.7744, 0.3399, 0.3519



43.7744, 0.3292, 0.3562



43.7744, 0.3142, 0.3529

Triad

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



43.7744, 0.3292, 0.3562



43.7744, 0.2831, 0.3152



43.7744, 0.3261, 0.3158

Complementary

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



43.7744, 0.3292, 0.3562



34.9469, 0.2953, 0.3003

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.



43.7744, 0.3106, 0.3066



43.7744, 0.3292, 0.3562



43.7744, 0.2861, 0.3059

Square

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



43.7744, 0.3292, 0.3562



43.7744, 0.2878, 0.3287



43.7744, 0.2960, 0.3029



43.7744, 0.3382, 0.3285

Rectangle

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



43.7744, 0.3292, 0.3562



43.7744, 0.3039, 0.3467



43.7744, 0.2960, 0.3029



43.7744, 0.3211, 0.3122

Sweetspot

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



43.7763, 0.3292, 0.3562



80.3405, 0.3171, 0.3363



36.4004, 0.3321, 0.3286



17.7771, 0.3183, 0.3382



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.



43.7763, 0.3292, 0.3562



79.0268, 0.3337, 0.3636



42.6833, 0.3205, 0.3570



9.9044, 0.3263, 0.3515



29.4768, 0.4196, 0.5050



0.9282, 0.4195, 0.5051

Inverse Universe

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



34.9469, 0.2953, 0.3003



59.1781, 0.2903, 0.2919



35.9571, 0.3042, 0.3010



8.2322, 0.2985, 0.3055



2.3051, 0.1501, 0.0601



0.0732, 0.1502, 0.0606

Previews

White Background



This preview shows how the Yxy color 43.7744, 0.3292, 0.3562 looks on a white background.

Color Contrast Check

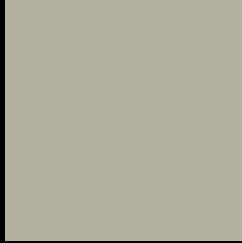
Large Text (above 18pt) WCAG AA × Fail

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 43.7744, 0.3292, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

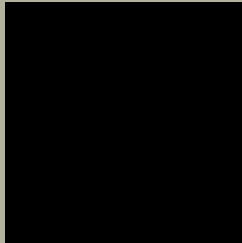
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

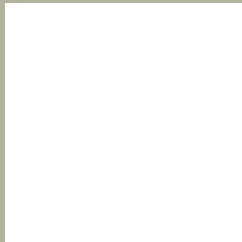
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7744, 0.3292, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 43.7744, 0.3292, 0.3562.



This preview shows how white text looks on a background with the Yxy color 43.7744, 0.3292, 0.3562.

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

43.7744, 0.3292, 0.3562

Protanopia

43.6753, 0.3359, 0.3545

Deuteranopia

43.5669, 0.3495, 0.3419



Tritanopia

43.8050, 0.3091, 0.3120

Trichromacy



Original Color

43.7744, 0.3292, 0.3562

Protanomaly

43.8237, 0.3338, 0.3560

Deuteranomaly

43.5968, 0.3422, 0.3474

Tritanomaly

43.6183, 0.3172, 0.3277

Monochromacy



Original Color

43.7744, 0.3292, 0.3562

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6560, 0.3193, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7744, 0.3292, 0.3562 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(178, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(178, 178, 158)  
}
```

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(178, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 178, 158) }
```

Border

The CSS property to change the border of an element to Yxy 43.7744, 0.3292, 0.3562 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(178, 178, 158) }
```

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

```
.border{ border-color:rgb(178, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(178, 178,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7744, 0.3292, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 178, 158) }
```

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

```
.background{ background-color: rgb(178,  
178, 158) }
```

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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