

Converting Colors

$Yxy(40.2482, 0.3466, 0.3500)$

Have a look what the booklet for
Yxy(40.2482, 0.3466, 0.3500)
contains.

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Color

Yxy(40.0716, 0.3462, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	BBA697
RGB	187, 166, 151
RGB Percent	73%, 65%, 59%
CMY	0.2667, 0.3490, 0.4077
CMYK	0.00, 0.11, 0.19, 0.27
HSL	25°, 21%, 66%
HSV	25°, 19%, 73%
XYZ	39.7160, 40.0716, 34.9322
YIQ	170.5690, 17.3310, -0.2130

Conversions

Conversions Part 2

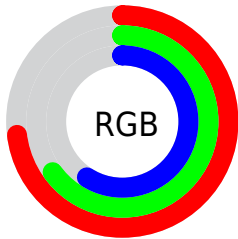
Format	Color
RYB	187, 177, 151
Decimal	12297879
CIELab	69.52, 5.18, 10.53
CIElCh	70, 11.740, 63.803
Yxy	40.0716, 0.3462, 0.3493
Android (android.graphics.Color)	4290487959 (0xFFBBA697)
YUV	170.5690, -9.6475, 14.4100
Hunter-Lab	63.3021, 1.2128, 11.5934

Details

The Yxy color $40.0716, 0.3462, 0.3493$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.6815, 0.2831, 0.3078$, and the grayscale version is $40.5414, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.1754, 0.3397, 0.3458$, and $17.9413, 0.3562, 0.3553$ is the 20% darker color. If you saturate the color by 10%, you get $35.7122, 0.3676, 0.3605$, and if you desaturate by 10%, it is $44.8677, 0.3276, 0.3385$.

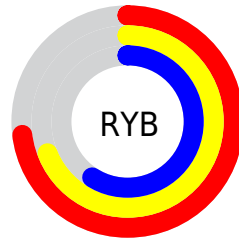
Distribution



Red (73%)

Green (65%)

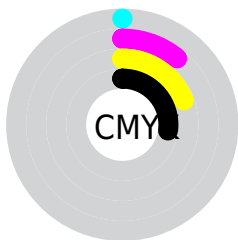
Blue (59%)



Red (73%)

Yellow (69%)

Blue (59%)

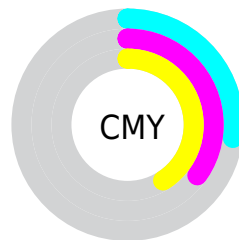


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.0716, 0.3462, 0.3493 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 40.0716, 0.3462, 0.3493 by changing the saturation by 10% instead.


 40.0716, 0.3462,
0.3493


 40.0716, 0.3462,
0.3493

346.4253, 0.3290,
0.3391

 27.5944, 0.3507,
0.3519


 75.2725, 0.3398,
0.3456

 18.0201, 0.3565,
0.3552

 98.7650, 0.3374,
0.3442

 10.9644, 0.3645,
0.3596


126.6981, 0.3355,
0.3430

 6.0429, 0.3759,
0.3657

159.4560, 0.3338,
0.3420

 2.8712, 0.3936,
0.3748

197.4234, 0.3323,
0.3411

 1.0649, 0.4405,
0.4037

240.9844, 0.3311,

 0.0000, 1.0000,

0.3403

0.0000

290.5236, 0.3299,
0.3397

0.0000, 0.0000,
0.0000

40.0716, 0.3462,
0.3493

40.0716, 0.3462,
0.3493

35.7122, 0.3676,
0.3605

44.8677, 0.3276,
0.3385

31.7712, 0.3921,
0.3718

50.1073, 0.3116,
0.3282

28.2369, 0.4195,
0.3824

55.8039, 0.2978,
0.3187

25.0949, 0.4494,
0.3914

61.9689, 0.2859,
0.3100

22.3299, 0.4806,
0.3978

68.6131, 0.2757,
0.3020

■ 19.9252, 0.5113,
0.4001

■ 75.2057, 0.2711,
0.3032

■ 17.8624, 0.5394,
0.3974

■ 81.5232, 0.2723,
0.3153

■ 16.1161, 0.5633,
0.3901

■ 88.2286, 0.2735,
0.3271

■ 15.9932, 0.5651,
0.3895

■ 89.3037, 0.2736,
0.3289

Harmonies

Analogous

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



40.0716, 0.3451, 0.3358



40.0716, 0.3462, 0.3493



40.0716, 0.3380, 0.3579

Triad

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



40.0716, 0.3462, 0.3493



40.0716, 0.2906, 0.3368



40.0716, 0.3016, 0.3011

Complementary

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



40.0716, 0.3462, 0.3493



39.6815, 0.2831, 0.3078

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.



40.0716, 0.2876, 0.3007



40.0716, 0.3462, 0.3493



40.0716, 0.2814, 0.3208

Square

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



40.0716, 0.3462, 0.3493



40.0716, 0.3058, 0.3510



40.0716, 0.2803, 0.3077



40.0716, 0.3190, 0.3084

Rectangle

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



40.0716, 0.3462, 0.3493



40.0716, 0.3286, 0.3594



40.0716, 0.2803, 0.3077



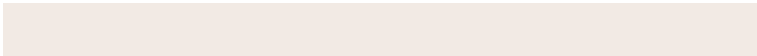
40.0716, 0.2964, 0.3001

Sweetspot

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



40.0734, 0.3462, 0.3493



83.2204, 0.3223, 0.3352



35.7089, 0.3284, 0.3002



18.1939, 0.3234, 0.3359



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.



40.0734, 0.3462, 0.3493



68.4510, 0.3547, 0.3539



46.8295, 0.3421, 0.3717



10.1715, 0.3278, 0.3386



11.1562, 0.5630, 0.3911



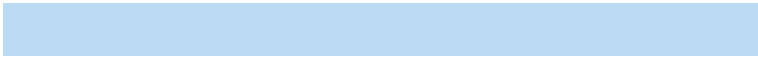
0.5664, 0.5205, 0.4249

Inverse Universe

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



39.6815, 0.2831, 0.3078



67.6204, 0.2766, 0.3027



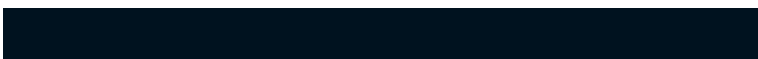
33.4885, 0.2816, 0.2824



10.1254, 0.2984, 0.3192



10.1727, 0.1856, 0.1883



0.5249, 0.1960, 0.2255

Previews

White Background



This preview shows how the Yxy color 40.0716, 0.3462, 0.3493 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 40.0716, 0.3462, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

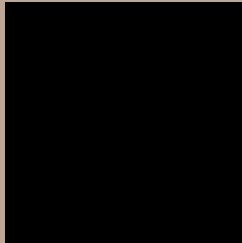
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

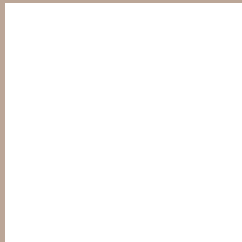
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0716, 0.3462, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 40.0716, 0.3462, 0.3493.



This preview shows how white text looks on a background with the Yxy color 40.0716, 0.3462, 0.3493.

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

40.0716, 0.3462, 0.3493

Protanopia

40.0230, 0.3341, 0.3512

Deuteranopia

40.1227, 0.3527, 0.3463



Tritanopia

39.8830, 0.3277, 0.3120

Trichromacy



Original Color

40.0716, 0.3462, 0.3493

Protanomaly

40.0960, 0.3390, 0.3510

Deuteranomaly

40.2210, 0.3504, 0.3478

Tritanomaly

39.7664, 0.3349, 0.3251

Monochromacy



Original Color

40.0716, 0.3462, 0.3493

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4034, 0.3244, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0716, 0.3462, 0.3493 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(187, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 151)  
}
```

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(187, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.0716, 0.3462, 0.3493 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(187, 166, 151) }
```

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

```
.border{ border-color:rgb(187, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0716, 0.3462, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 151) }
```

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

```
.background{ background-color: rgb(187,  
166, 151) }
```

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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