

Converting Colors

$Y_{xy}(40.7494, 0.3652, 0.3763)$

Have a look what the booklet for
Yxy(40.7494, 0.3652, 0.3763)
contains.

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Color

Yxy(40.6459, 0.3652, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	BEA885
RGB	190, 168, 133
RGB Percent	75%, 66%, 52%
CMY	0.2550, 0.3411, 0.4784
CMYK	0.00, 0.12, 0.30, 0.25
HSL	37°, 30%, 63%
HSV	37°, 30%, 75%
XYZ	39.4679, 40.6459, 27.9582
YIQ	170.5880, 24.3470, -6.2210

Conversions

Conversions Part 2

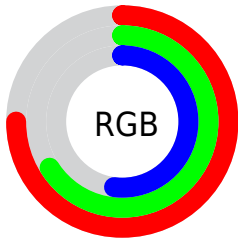
Format	Color
RYB	169, 190, 133
Decimal	12494981
CIELab	69.93, 2.65, 21.03
CIElCh	70, 21.197, 82.818
Yxy	40.6459, 0.3652, 0.3761
Android (android.graphics.Color)	4290685061 (0xFFBEA885)
YUV	170.5880, -18.5309, 17.0243
Hunter-Lab	63.7541, -1.0668, 18.6273

Details

The Yxy color **40.6459, 0.3652, 0.3761** is a light color, and the websafe version is hex **999966**. A complement of this color would be **32.1386, 0.2643, 0.2768**, and the grayscale version is **40.5929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0947, 0.3557, 0.3677**, and **18.3496, 0.3814, 0.3897** is the 20% darker color. If you saturate the color by 10%, you get **37.5399, 0.3861, 0.3922**, and if you desaturate by 10%, it is **44.0030, 0.3459, 0.3599**.

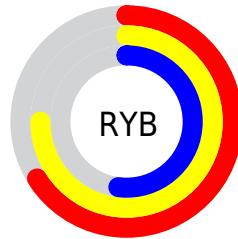
Distribution



Red (75%)

Green (66%)

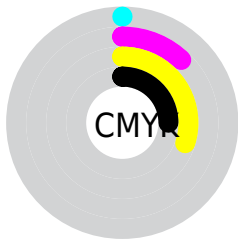
Blue (52%)



Red (66%)

Yellow (75%)

Blue (52%)

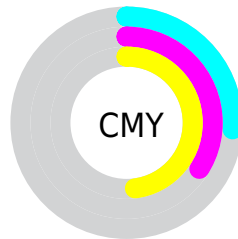


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (25%)



Cyan (26%)


Magenta (34%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6459, 0.3652, 0.3761 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 40.6459, 0.3652, 0.3761 by changing the saturation by 10% instead.

 40.6459, 0.3652,
0.3761


 40.6459, 0.3652,
0.3761


348.8385, 0.3384,
0.3523

 28.0425, 0.3720,
0.3820


 76.1461, 0.3554,
0.3675

 18.3577, 0.3808,
0.3896


 99.8116, 0.3517,
0.3642

 11.2071, 0.3924,
0.3996


 127.9334, 0.3486,
0.3615

 6.2063, 0.4087,
0.4131

160.8957, 0.3460,
0.3591

 2.9709, 0.4323,
0.4322

199.0829, 0.3437,
0.3571

 1.1166, 0.5049,
0.4951

242.8796, 0.3417,

 0.0000, 1.0000,

0.3553

0.0000

292.6699, 0.3400,
0.3537

■ 0.0000, 0.0000,
0.0000

■ 40.6459, 0.3652,
0.3761

■ 40.6459, 0.3652,
0.3761

■ 37.5399, 0.3861,
0.3922

■ 44.0030, 0.3459,
0.3599

■ 34.6718, 0.4083,
0.4074

■ 47.6128, 0.3284,
0.3441

■ 32.0353, 0.4310,
0.4207

■ 51.4839, 0.3127,
0.3290

■ 29.6215, 0.4534,
0.4310

■ 55.6228, 0.2987,
0.3148

■ 27.4208, 0.4742,
0.4371

■ 60.0357, 0.2863,
0.3017

■ 25.4218, 0.4924,
0.4383

■ 64.7285, 0.2754,
0.2896

■ 23.6053, 0.5078,
0.4350

■ 68.9785, 0.2716,
0.2896

■ 23.6031, 0.5079,
0.4350

■ 72.8919, 0.2723,
0.2979

■ 76.9758, 0.2731,
0.3061

Harmonies

Analogous

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



40.6459, 0.3746, 0.3559



40.6459, 0.3652, 0.3761



40.6459, 0.3416, 0.3845

Triad

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



40.6459, 0.3652, 0.3761



40.6459, 0.2616, 0.3238



40.6459, 0.3120, 0.2871

Complementary

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



40.6459, 0.3652, 0.3761



32.1386, 0.2643, 0.2768

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.



40.6459, 0.2825, 0.2782



40.6459, 0.3652, 0.3761



40.6459, 0.2545, 0.2976

Square

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



40.6459, 0.3652, 0.3761



40.6459, 0.2819, 0.3535



40.6459, 0.2619, 0.2816



40.6459, 0.3430, 0.3058

Rectangle

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



40.6459, 0.3652, 0.3761



40.6459, 0.3215, 0.3810



40.6459, 0.2619, 0.2816



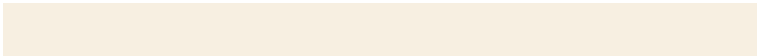
40.6459, 0.3015, 0.2829

Sweetspot

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



40.6478, 0.3652, 0.3761



86.8751, 0.3270, 0.3428



30.1153, 0.3524, 0.2981



18.8574, 0.3295, 0.3450



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.6478, 0.3652, 0.3761



69.9130, 0.3788, 0.3868



48.7366, 0.3523, 0.4042



10.4858, 0.3273, 0.3431



15.8543, 0.5064, 0.4361



0.7442, 0.4804, 0.4568

Inverse Universe

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



32.1386, 0.2643, 0.2768



52.0175, 0.2529, 0.2631



25.9579, 0.2656, 0.2438



9.8124, 0.2984, 0.3145



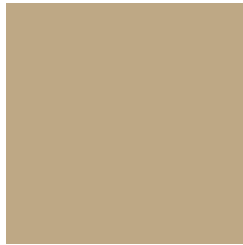
5.8054, 0.1678, 0.1242



0.3549, 0.1816, 0.1737

Previews

White Background



This preview shows how the Yxy color 40.6459, 0.3652, 0.3761 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 40.6459, 0.3652, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

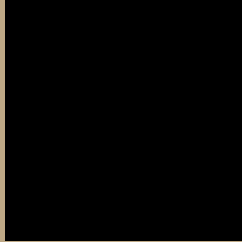
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6459, 0.3652, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 40.6459, 0.3652, 0.3761.



This preview shows how white text looks on a background with the Yxy color 40.6459, 0.3652, 0.3761.

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

40.6459, 0.3652, 0.3761

Protanopia

40.7921, 0.3554, 0.3799

Deuteranopia

40.5515, 0.3758, 0.3682



Tritanopia

40.5379, 0.3325, 0.3123

Trichromacy



Original Color

40.6459, 0.3652, 0.3761

Protanomaly

40.7850, 0.3587, 0.3781

Deuteranomaly

40.3673, 0.3714, 0.3700

Tritanomaly

40.4264, 0.3442, 0.3344

Monochromacy



Original Color

40.6459, 0.3652, 0.3761

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.6487, 0.3313, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6459, 0.3652, 0.3761 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(190, 168, 133)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 133)  
}
```

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(190, 168, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 133) }
```

Border

The CSS property to change the border of an element to Yxy 40.6459, 0.3652, 0.3761 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(190, 168, 133) }
```

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

```
.border{ border-color:rgb(190, 168, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 168, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 168, 133); box-shadow:4px 4px 4px 4px rgb(190, 168, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6459, 0.3652, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 133) }
```

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

```
.background{ background-color: rgb(190,  
168, 133) }
```

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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