

Converting Colors

$Yxy(36.5168, 0.3598, 0.3457)$

Have a look what the booklet for
Yxy(36.5168, 0.3598, 0.3457)
contains.

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Color

Yxy(36.3730, 0.3601, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	BE9B8F
RGB	190, 155, 143
RGB Percent	75%, 61%, 56%
CMY	0.2548, 0.3922, 0.4392
CMYK	0.00, 0.18, 0.25, 0.25
HSL	15°, 27%, 65%
HSV	15°, 25%, 75%
XYZ	37.9210, 36.3730, 31.0129
YIQ	164.0970, 24.7120, 3.6880

Conversions

Conversions Part 2

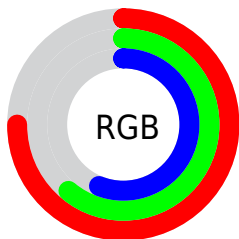
Format	Color
R_{YB}	190, 159, 143
Decimal	12491663
CIE _{Lab}	66.80, 11.17, 11.18
CIE _{LCh}	67, 15.803, 45.004
Yxy	36.3730, 0.3601, 0.3454
Android (android.graphics.Color)	4290681743 (0xFFBE9B8F)
YUV	164.0970, -10.4008, 22.7169
Hunter-Lab	60.3100, 6.6925, 11.7287

Details

The Yxy color **36.3730, 0.3601, 0.3454** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4215, 0.2753, 0.3120**, and the grayscale version is **37.2169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4063, 0.3507, 0.3417**, and **15.9252, 0.3751, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **31.4063, 0.3858, 0.3524**, and if you desaturate by 10%, it is **41.9934, 0.3384, 0.3385**.

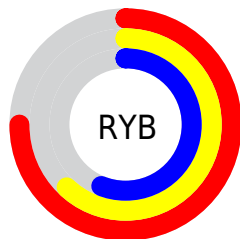
Distribution



Red (75%)

Green (61%)

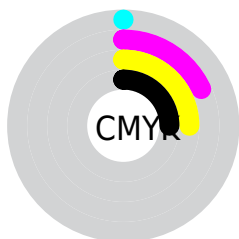
Blue (56%)



Red (75%)

Yellow (62%)

Blue (56%)

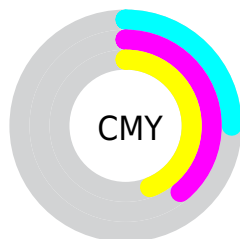


Cyan (0%)

Magenta (18%)

Yellow (25%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3730, 0.3601, 0.3454 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 36.3730, 0.3601, 0.3454 by changing the saturation by 10% instead.


 36.3730, 0.3601,
0.3454


 36.3730, 0.3601,
0.3454


330.5879, 0.3352,
0.3373

 24.7224, 0.3667,
0.3474


 69.6074, 0.3508,
0.3425

 15.8704, 0.3754,
0.3498


 91.9600, 0.3474,
0.3414

 9.4325, 0.3874,
0.3530


118.6487, 0.3445,
0.3404

 5.0243, 0.4051,
0.3573

150.0579, 0.3421,
0.3396

 2.2615, 0.4332,
0.3628

186.5721, 0.3400,
0.3389

 0.7532, 0.5574,
0.4209


228.5755, 0.3382,


 0.0000, 0.0000,


0.3383

0.0000

276.4527, 0.3366,
0.3378

 36.3730, 0.3601,
0.3454


 36.3730, 0.3601,
0.3454

 31.4063, 0.3858,
0.3524


 41.9934, 0.3384,
0.3385


 27.0645, 0.4160,
0.3592


 48.2852, 0.3203,
0.3319


 23.3236, 0.4504,
0.3651

 55.2717, 0.3051,
0.3259

 20.1566, 0.4881,
0.3691

 62.9733, 0.2924,
0.3203

 17.5338, 0.5271,
0.3702

 71.4099, 0.2817,
0.3152

■ 15.4230, 0.5636,
0.3675

■ 80.4688, 0.2737,
0.3127

■ 13.7880, 0.5937,
0.3605

■ 89.1331, 0.2751,
0.3280

■ 13.0993, 0.6070,
0.3563

■ 89.6913, 0.2752,
0.3289

Harmonies

Analogous

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



36.3730, 0.3504, 0.3251



36.3730, 0.3601, 0.3454



36.3730, 0.3565, 0.3624

Triad

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



36.3730, 0.3601, 0.3454



36.3730, 0.2944, 0.3532



36.3730, 0.2842, 0.2890

Complementary

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



36.3730, 0.3601, 0.3454



41.4215, 0.2753, 0.3120

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.



36.3730, 0.2705, 0.2946



36.3730, 0.3601, 0.3454



36.3730, 0.2762, 0.3313

Square

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



36.3730, 0.3601, 0.3454



36.3730, 0.3180, 0.3681



36.3730, 0.2676, 0.3097



36.3730, 0.3060, 0.2935

Rectangle

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



36.3730, 0.3601, 0.3454



36.3730, 0.3471, 0.3695



36.3730, 0.2676, 0.3097



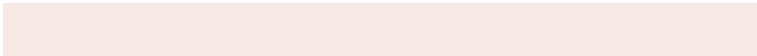
36.3730, 0.2786, 0.2897

Sweetspot

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



36.3747, 0.3601, 0.3454



84.6534, 0.3243, 0.3335



33.8253, 0.3269, 0.2826



18.4325, 0.3253, 0.3339



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.



36.3747, 0.3601, 0.3454



60.5821, 0.3744, 0.3495



44.8860, 0.3530, 0.3756



9.9209, 0.3282, 0.3349



8.8158, 0.6047, 0.3581



0.4544, 0.5564, 0.3964

Inverse Universe

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



41.4215, 0.2753, 0.3120



71.3695, 0.2670, 0.3075



32.9250, 0.2724, 0.2776



10.3867, 0.2985, 0.3230



15.3866, 0.2015, 0.2453



0.7019, 0.2077, 0.2677

Previews

White Background



This preview shows how the Yxy color 36.3730, 0.3601, 0.3454 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 36.3730, 0.3601, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

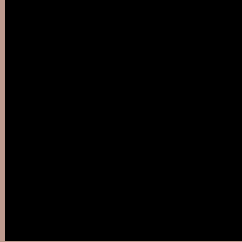
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3730, 0.3601, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 36.3730, 0.3601, 0.3454.



This preview shows how white text looks on a background with the Yxy color 36.3730, 0.3601, 0.3454.

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

36.3730, 0.3601, 0.3454

Protanopia

36.3823, 0.3330, 0.3507

Deuteranopia

36.5362, 0.3553, 0.3484



Tritanopia

36.3433, 0.3418, 0.3132

Trichromacy



Original Color

36.3730, 0.3601, 0.3454

Protanomaly

36.2187, 0.3427, 0.3475

Deuteranomaly

36.3249, 0.3567, 0.3470

Tritanomaly

36.2591, 0.3486, 0.3251

Monochromacy



Original Color

36.3730, 0.3601, 0.3454

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.7743, 0.3289, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3730, 0.3601, 0.3454 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, 155, 143)` looks like.

```
.text, #text, p{  
    color:rgb(190, 155, 143)  
}
```

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, 155, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 155, 143) }
```

Border

The CSS property to change the border of an element to Yxy 36.3730, 0.3601, 0.3454 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, 155, 143) }
```

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

```
.border{ border-color:rgb(190, 155, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 155, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 155, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 155, 143);  
box-shadow:4px 4px 4px 4px rgb(190, 155,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3730, 0.3601, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 155, 143) }
```

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

```
.background{ background-color: rgb(190,  
155, 143) }
```

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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