

Converting Colors

$Yxy(36.6321, 0.3600, 0.3423)$

Have a look what the booklet for
Yxy(36.6321, 0.3600, 0.3423)
contains.

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Color

Yxy(36.6935, 0.3601, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	C09B91
RGB	192, 155, 145
RGB Percent	75%, 61%, 57%
CMY	0.2471, 0.3921, 0.4313
CMYK	0.00, 0.19, 0.24, 0.25
HSL	13°, 27%, 66%
HSV	13°, 24%, 75%
XYZ	38.5678, 36.6935, 31.8417
YIQ	164.9230, 25.2620, 4.7340

Conversions

Conversions Part 2

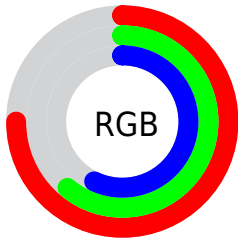
Format	Color
R_{YB}	192, 158, 145
Decimal	12622737
CIE _{Lab}	67.05, 12.21, 10.43
CIE _{LCh}	67, 16.058, 40.510
Yxy	36.6935, 0.3601, 0.3426
Android (android.graphics.Color)	4290812817 (0xFFC09B91)
YUV	164.9230, -9.8220, 23.7465
Hunter-Lab	60.5752, 7.6432, 11.2364

Details

The Yxy color **36.6935, 0.3601, 0.3426** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.2749, 0.2759, 0.3149**, and the grayscale version is **37.6274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3564, 0.3506, 0.3406**, and **16.1301, 0.3751, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **31.4326, 0.3864, 0.3485**, and if you desaturate by 10%, it is **42.6874, 0.3381, 0.3368**.

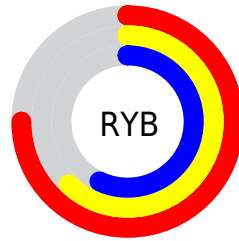
Distribution



Red (75%)

Green (61%)

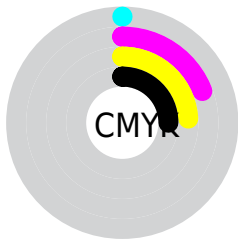
Blue (57%)



Red (75%)

Yellow (62%)

Blue (57%)

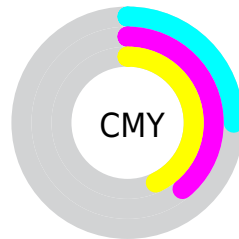


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6935, 0.3601, 0.3426 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 36.6935, 0.3601, 0.3426 by changing the saturation by 10% instead.


 36.6935, 0.3601,
0.3426


 36.6935, 0.3601,
0.3426


331.9816, 0.3353,
0.3360

 24.9703, 0.3667,
0.3442


 70.1011, 0.3508,
0.3402

 16.0549, 0.3754,
0.3462


 92.5543, 0.3474,
0.3393

 9.5630, 0.3874,
0.3487


119.3530, 0.3445,
0.3386

 5.1102, 0.4049,
0.3519

150.8814, 0.3421,
0.3379

 2.3121, 0.4329,
0.3559

187.5242, 0.3400,
0.3373

 0.7801, 0.5397,
0.3989

229.6655, 0.3382,

 0.0000, 0.0000,

0.3368

0.0000

277.6899, 0.3367,
0.3364

■ 36.6935, 0.3601,
0.3426

■ 36.6935, 0.3601,
0.3426

■ 31.4326, 0.3864,
0.3485

■ 42.6874, 0.3381,
0.3368

■ 26.8714, 0.4175,
0.3542

■ 49.4357, 0.3198,
0.3313

■ 22.9815, 0.4533,
0.3590

■ 56.9656, 0.3047,
0.3262

■ 19.7307, 0.4927,
0.3623

■ 65.3010, 0.2921,
0.3216

■ 17.0839, 0.5335,
0.3628

■ 74.4650, 0.2816,
0.3174

■ 15.0027, 0.5715,
0.3600

■ 84.1402, 0.2754,
0.3190

■ 13.4437, 0.6021,
0.3534

■ 89.9443, 0.2762,
0.3289

■ 12.7813, 0.6156,
0.3494

Harmonies

Analogous

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



36.6935, 0.3484, 0.3220



36.6935, 0.3601, 0.3426



36.6935, 0.3584, 0.3607

Triad

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



36.6935, 0.3601, 0.3426



36.6935, 0.2975, 0.3564



36.6935, 0.2812, 0.2887

Complementary

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



36.6935, 0.3601, 0.3426



43.2749, 0.2759, 0.3149

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.



36.6935, 0.2687, 0.2958



36.6935, 0.3601, 0.3426



36.6935, 0.2779, 0.3348

Square

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



36.6935, 0.3601, 0.3426



36.6935, 0.3218, 0.3699



36.6935, 0.2676, 0.3124



36.6935, 0.3022, 0.2917

Rectangle

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



36.6935, 0.3601, 0.3426



36.6935, 0.3501, 0.3688



36.6935, 0.2676, 0.3124



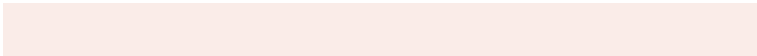
36.6935, 0.2759, 0.2899

Sweetspot

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



36.6952, 0.3601, 0.3426



86.2213, 0.3243, 0.3327



34.8602, 0.3245, 0.2802



18.3347, 0.3254, 0.3331



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.



36.6952, 0.3601, 0.3426



61.5738, 0.3727, 0.3456



45.0466, 0.3532, 0.3722



10.4177, 0.3284, 0.3340



8.6963, 0.6136, 0.3510



0.4790, 0.5702, 0.3855

Inverse Universe

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



43.2749, 0.2759, 0.3149



75.4081, 0.2688, 0.3117



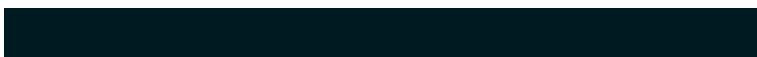
34.6573, 0.2731, 0.2817



11.0527, 0.2984, 0.3240



17.5978, 0.2055, 0.2598



0.8536, 0.2103, 0.2769

Previews

White Background



This preview shows how the Yxy color 36.6935, 0.3601, 0.3426 looks on a white background.

Color Contrast Check

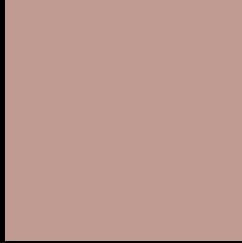
Large Text (above 18pt) WCAG AA × Fail

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 36.6935, 0.3601, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

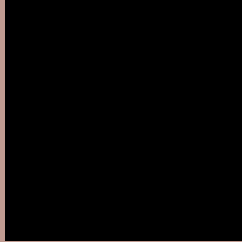
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6935, 0.3601, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 36.6935, 0.3601, 0.3426.



This preview shows how white text looks on a background with the Yxy color 36.6935, 0.3601, 0.3426.

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

36.6935, 0.3601, 0.3426

Protanopia

36.9104, 0.3320, 0.3491

Deuteranopia

36.5974, 0.3533, 0.3456



Tritanopia

36.6061, 0.3438, 0.3133

Trichromacy



Original Color

36.6935, 0.3601, 0.3426

Protanomaly

36.7447, 0.3415, 0.3459

Deuteranomaly

36.5126, 0.3557, 0.3441

Tritanomaly

36.5542, 0.3496, 0.3238

Monochromacy



Original Color

36.6935, 0.3601, 0.3426

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.0723, 0.3290, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6935, 0.3601, 0.3426 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(192, 155, 145)` looks like.

```
.text, #text, p{  
    color:rgb(192, 155, 145)  
}
```

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(192, 155, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 155, 145) }
```

Border

The CSS property to change the border of an element to Yxy 36.6935, 0.3601, 0.3426 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(192, 155, 145) }
```

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

```
.border{ border-color:rgb(192, 155, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 155, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 155, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 155, 145);  
box-shadow:4px 4px 4px 4px rgb(192, 155,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6935, 0.3601, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 155, 145) }
```

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

```
.background{ background-color: rgb(192,  
155, 145) }
```

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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