

Converting Colors

$Yxy(44.7340, 0.3360, 0.3423)$

Have a look what the booklet for
Yxy(44.7340, 0.3360, 0.3423)
contains.

Yxy(44.5830, 0.3365, 0.3421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.5830, 0.3365, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	C0AFA5
RGB	192, 175, 165
RGB Percent	75%, 69%, 65%
CMY	0.2472, 0.3137, 0.3530
CMYK	0.00, 0.09, 0.14, 0.25
HSL	22°, 18%, 70%
HSV	22°, 14%, 75%
XYZ	43.8532, 44.5830, 41.8853
YIQ	178.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

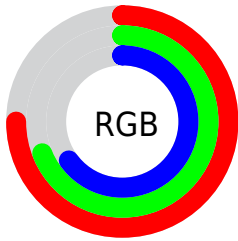
Format	Color
R_{YB}	192, 181, 165
Decimal	12627877
CIE Lab	72.62, 4.39, 7.33
CIE LCh	73, 8.546, 59.079
Yxy	44.5830, 0.3365, 0.3421
Android (android.graphics.Color)	4290817957 (0xFFC0AFA5)
YUV	178.9430, -6.8739, 11.4510
Hunter-Lab	66.7705, 0.3860, 9.5466

Details

The Yxy color $44.5830, 0.3365, 0.3421$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.2355, 0.2912, 0.3155$, and the grayscale version is $45.0782, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4589, 0.3323, 0.3402$, and $20.7614, 0.3433, 0.3469$ is the 20% darker color. If you saturate the color by 10%, you get $39.4491, 0.3569, 0.3520$, and if you desaturate by 10%, it is $50.2453, 0.3190, 0.3327$.

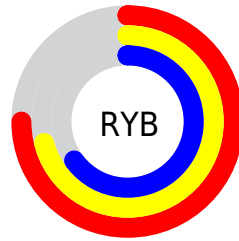
Distribution



Red (75%)

Green (69%)

Blue (65%)



Red (75%)

Yellow (71%)

Blue (65%)

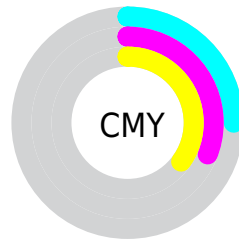


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5830, 0.3365, 0.3421 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 44.5830, 0.3365, 0.3421 by changing the saturation by 10% instead.

 44.5830, 0.3365,
0.3421


 44.5830, 0.3365,
0.3421


365.0821, 0.3245,
0.3356

 31.1291, 0.3396,
0.3437


 82.0943, 0.3321,
0.3397

 20.6972, 0.3435,
0.3458

 106.9205, 0.3304,
0.3389

 12.9028, 0.3488,
0.3485


136.3062, 0.3291,
0.3381

 7.3617, 0.3563,
0.3523

170.6359, 0.3279,
0.3375

 3.6893, 0.3677,
0.3578

210.2940, 0.3269,
0.3369

 1.5013, 0.3870,
0.3666

255.6647, 0.3260,

 0.2897, 0.5691,

0.3364

0.4309

307.1326, 0.3252,
0.3360

0.0000, 0.0000,
0.0000

44.5830, 0.3365,
0.3421

44.5830, 0.3365,
0.3421

39.4491, 0.3569,
0.3520

50.2453, 0.3190,
0.3327

34.8222, 0.3805,
0.3622

56.4449, 0.3041,
0.3238

30.6877, 0.4076,
0.3721

63.1982, 0.2914,
0.3157

27.0283, 0.4378,
0.3810

70.5188, 0.2806,
0.3083

23.8257, 0.4705,
0.3878

78.0291, 0.2744,
0.3077

■ 21.0598, 0.5040,
0.3914

■ 85.1855, 0.2755,
0.3208

■ 18.7092, 0.5359,
0.3905

■ 89.9427, 0.2762,
0.3289

■ 16.7495, 0.5635,
0.3844

■ 15.7526, 0.5780,
0.3793

Harmonies

Analogous

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



44.5830, 0.3347, 0.3323



44.5830, 0.3365, 0.3421



44.5830, 0.3318, 0.3487

Triad

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



44.5830, 0.3365, 0.3421



44.5830, 0.2986, 0.3362



44.5830, 0.3032, 0.3088

Complementary

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



44.5830, 0.3365, 0.3421



45.2355, 0.2912, 0.3155

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.



44.5830, 0.2938, 0.3095



44.5830, 0.3365, 0.3421



44.5830, 0.2912, 0.3251

Square

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



44.5830, 0.3365, 0.3421



44.5830, 0.3098, 0.3455



44.5830, 0.2895, 0.3153



44.5830, 0.3153, 0.3133

Rectangle

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



44.5830, 0.3365, 0.3421



44.5830, 0.3257, 0.3503



44.5830, 0.2895, 0.3153



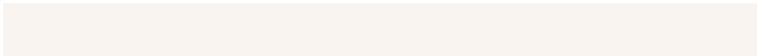
44.5830, 0.2996, 0.3084

Sweetspot

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



44.5850, 0.3365, 0.3421



91.0632, 0.3191, 0.3327



41.4895, 0.3229, 0.3070



19.3616, 0.3203, 0.3334



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.



44.5850, 0.3365, 0.3421



77.7157, 0.3427, 0.3453



50.0450, 0.3341, 0.3589



10.6774, 0.3280, 0.3376



10.7412, 0.5757, 0.3811



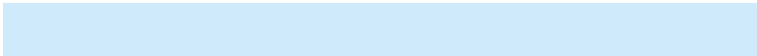
0.5966, 0.5334, 0.4147

Inverse Universe

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



45.2355, 0.2912, 0.3155



79.1311, 0.2862, 0.3122



40.0248, 0.2906, 0.2972



10.7789, 0.2984, 0.3202



11.8584, 0.1900, 0.2038



0.6408, 0.1986, 0.2349

Previews

White Background



This preview shows how the Yxy color 44.5830, 0.3365, 0.3421 looks on a white background.

Color Contrast Check

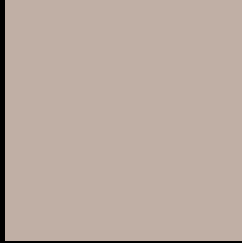
Large Text (above 18pt) WCAG AA × Fail

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 44.5830, 0.3365, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

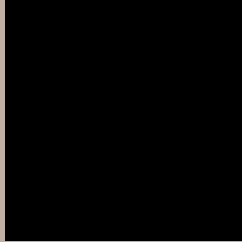
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5830, 0.3365, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 44.5830, 0.3365, 0.3421.



This preview shows how white text looks on a background with the Yxy color 44.5830, 0.3365, 0.3421.

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

44.5830, 0.3365, 0.3421

Protanopia

44.7843, 0.3279, 0.3449

Deuteranopia

44.5376, 0.3437, 0.3367



Tritanopia

44.6099, 0.3224, 0.3126

Trichromacy



Original Color

44.5830, 0.3365, 0.3421

Protanomaly

44.7623, 0.3307, 0.3435

Deuteranomaly

44.5106, 0.3407, 0.3381

Tritanomaly

44.5708, 0.3274, 0.3227

Monochromacy



Original Color

44.5830, 0.3365, 0.3421

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0871, 0.3212, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5830, 0.3365, 0.3421 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, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 165)  
}
```

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, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 165) }
```

Border

The CSS property to change the border of an element to Yxy 44.5830, 0.3365, 0.3421 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, 175, 165) }
```

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

```
.border{ border-color:rgb(192, 175, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5830, 0.3365, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 165) }
```

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

```
.background{ background-color: rgb(192,  
175, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor