

Converting Colors

Yxy(65.4997, 0.3363, 0.3622)

Have a look what the booklet for
Yxy(65.4997, 0.3363, 0.3622)
contains.

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Color

Yxy(65.8009, 0.3361, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	D9D5B8
RGB	217, 213, 184
RGB Percent	85%, 84%, 72%
CMY	0.1490, 0.1647, 0.2786
CMYK	0.00, 0.02, 0.15, 0.15
HSL	53°, 30%, 79%
HSV	53°, 15%, 85%
XYZ	61.0593, 65.8009, 54.8099
YIQ	210.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

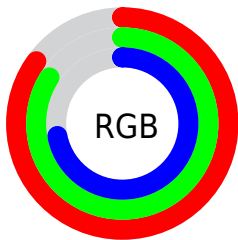
Format	Color
R_{YB}	189, 217, 184
Decimal	14276024
CIE _{Lab}	84.89, -3.46, 14.86
CIE _{LCh}	85, 15.258, 103.121
Yxy	65.8009, 0.3361, 0.3622
Android (android.graphics.Color)	4292466104 (0xFFD9D5B8)
YUV	210.8900, -13.2568, 5.3585
Hunter-Lab	81.1178, -7.5948, 16.7212

Details

The Yxy color **65.8009, 0.3361, 0.3622** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.1471, 0.2884, 0.2935**, and the grayscale version is **65.1489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **33.7738, 0.3418, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **63.6519, 0.3523, 0.3847**, and if you desaturate by 10%, it is **68.1167, 0.3205, 0.3402**.

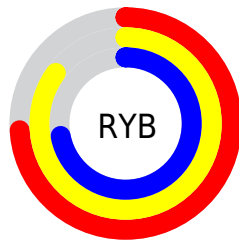
Distribution



Red (85%)

Green (84%)

Blue (72%)



Red (74%)

Yellow (85%)

Blue (72%)

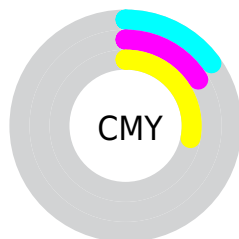


Cyan (0%)

Magenta (2%)

Yellow (15%)

Black (15%)



Cyan (15%)


Magenta (16%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8009, 0.3361, 0.3622 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 65.8009, 0.3361, 0.3622 by changing the saturation by 10% instead.


 65.8009, 0.3361,
0.3622

 65.8009, 0.3361,
0.3622


445.6645, 0.3251,
0.3464

 48.1108, 0.3386,
0.3659


 113.2005, 0.3323,
0.3567

 33.9146, 0.3418,
0.3705


143.6788, 0.3308,
0.3545

 22.8280, 0.3458,
0.3764


179.1887, 0.3295,
0.3527

 14.4666, 0.3510,
0.3843

220.1144, 0.3284,
0.3511

 8.4459, 0.3581,
0.3952

266.8405, 0.3275,
0.3497

 4.3816, 0.3684,
0.4114

319.7513, 0.3266,

 1.8892, 0.3854,

0.3485

0.4389

379.2311, 0.3258,
0.3474

■ 0.5419, 0.4427,
0.5573

■ 0.0000, 0.0000,
0.0000

■ 65.8009, 0.3361,
0.3622

■ 65.8009, 0.3361,
0.3622

■ 63.6519, 0.3523,
0.3847

■ 68.1167, 0.3205,
0.3402

■ 61.6546, 0.3688,
0.4069

■ 70.5966, 0.3058,
0.3191

■ 59.8049, 0.3851,
0.4280

■ 73.2493, 0.2922,
0.2992

■ 58.0952, 0.4004,
0.4471

■ 75.0225, 0.2888,
0.2960

■ 56.5174, 0.4141,
0.4631

■ 76.4412, 0.2889,
0.2988

■ 55.0619, 0.4255,
0.4753

■ 77.8818, 0.2890,
0.3016

■ 53.7180, 0.4344,
0.4830

■ 79.3443, 0.2891,
0.3044

■ 52.4724, 0.4404,
0.4862

■ 80.8290, 0.2892,
0.3072

■ 51.9014, 0.4426,
0.4868

■ 82.3358, 0.2893,
0.3100

Harmonies

Analogous

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



65.8009, 0.3478, 0.3550



65.8009, 0.3361, 0.3622



65.8009, 0.3183, 0.3602

Triad

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



65.8009, 0.3361, 0.3622



65.8009, 0.2769, 0.3149



65.8009, 0.3256, 0.3102

Complementary

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



65.8009, 0.3361, 0.3622



51.1471, 0.2884, 0.2935

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.



65.8009, 0.3063, 0.3001



65.8009, 0.3361, 0.3622



65.8009, 0.2786, 0.3023

Square

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



65.8009, 0.3361, 0.3622



65.8009, 0.2844, 0.3321



65.8009, 0.2892, 0.2971



65.8009, 0.3417, 0.3251

Rectangle

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



65.8009, 0.3361, 0.3622



65.8009, 0.3055, 0.3536



65.8009, 0.2892, 0.2971



65.8009, 0.3192, 0.3062

Sweetspot

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



65.8038, 0.3361, 0.3622



98.2252, 0.3202, 0.3398



52.6659, 0.3375, 0.3239



20.9719, 0.3213, 0.3413



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



65.8038, 0.3361, 0.3622



93.8949, 0.3408, 0.3688



66.0516, 0.3262, 0.3677



14.9808, 0.3270, 0.3494



31.5206, 0.4422, 0.4871



2.1194, 0.4380, 0.4904

Inverse Universe

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



51.1471, 0.2884, 0.2935



69.2155, 0.2832, 0.2858



51.0230, 0.2976, 0.2896



12.8698, 0.2981, 0.3078



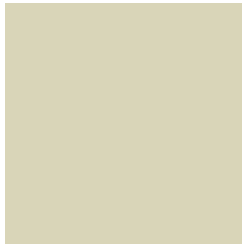
3.5685, 0.1526, 0.0694



0.3171, 0.1587, 0.0912

Previews

White Background



This preview shows how the Yxy color 65.8009, 0.3361, 0.3622 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 65.8009, 0.3361, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

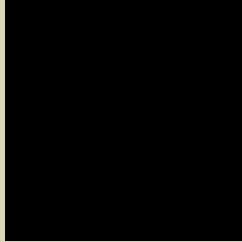
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

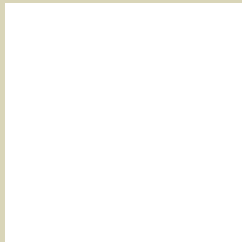
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8009, 0.3361, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 65.8009, 0.3361, 0.3622.



This preview shows how white text looks on a background with the Yxy color 65.8009, 0.3361, 0.3622.

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

65.8009, 0.3361, 0.3622

Protanopia

65.5370, 0.3411, 0.3607

Deuteranopia

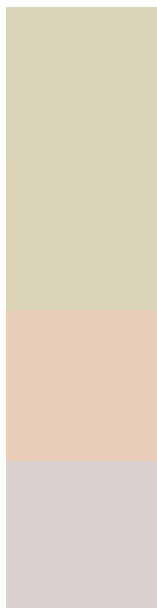
65.6081, 0.3563, 0.3485



Tritanopia

65.5371, 0.3121, 0.3104

Trichromacy



Original Color

65.8009, 0.3361, 0.3622

Protanomaly

65.7215, 0.3393, 0.3620

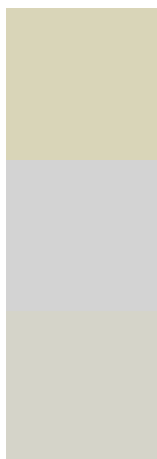
Deuteranomaly

65.4521, 0.3491, 0.3533

Tritanomaly

65.4200, 0.3210, 0.3290

Monochromacy



Original Color

65.8009, 0.3361, 0.3622

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4501, 0.3211, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8009, 0.3361, 0.3622 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(217, 213, 184)` looks like.

```
.text, #text, p{  
    color:rgb(217, 213, 184)  
}
```

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(217, 213, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 213, 184) }
```

Border

The CSS property to change the border of an element to Yxy 65.8009, 0.3361, 0.3622 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(217, 213, 184) }
```

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

```
.border{ border-color:rgb(217, 213, 184) }
```

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

Here you see how a box with a 4 pixel rgb(217, 213, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 213, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 213, 184);  
box-shadow:4px 4px 4px 4px rgb(217, 213,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8009, 0.3361, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 213, 184) }
```

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

```
.background{ background-color: rgb(217,  
213, 184) }
```

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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