

Converting Colors

$Yxy(65.5336, 0.3529, 0.3616)$

Have a look what the booklet for
Yxy(65.5336, 0.3529, 0.3616)
contains.

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Color

Yxy(65.5222, 0.3526, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	E8D0B3
RGB	232, 208, 179
RGB Percent	91%, 82%, 70%
CMY	0.0903, 0.1842, 0.2981
CMYK	0.00, 0.10, 0.23, 0.09
HSL	33°, 53%, 81%
HSV	33°, 23%, 91%
XYZ	63.9621, 65.5222, 51.9171
YIQ	211.8700, 23.6130, -3.9310

Conversions

Conversions Part 2

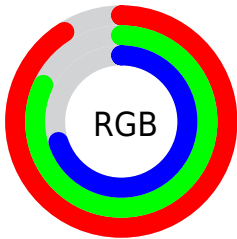
Format	Color
R _Y B	223, 232, 179
Decimal	15257779
CIE Lab	84.75, 3.88, 17.46
CIE LCh	85, 17.889, 77.465
Yxy	65.5222, 0.3526, 0.3612
Android (android.graphics.Color)	4293447859 (0xFFE8D0B3)
YUV	211.8700, -16.2049, 17.6540
Hunter-Lab	80.9458, -0.6071, 18.6346

Details

The Yxy color **65.5222, 0.3526, 0.3612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.0892, 0.2763, 0.2945**, and the grayscale version is **65.8442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **33.8477, 0.3628, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **59.7182, 0.3736, 0.3760**, and if you desaturate by 10%, it is **71.8281, 0.3338, 0.3467**.

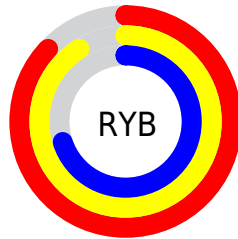
Distribution



Red (91%)

Green (82%)

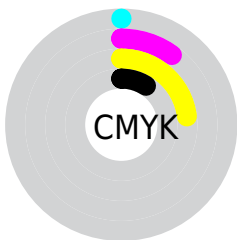
Blue (70%)



Red (87%)

Yellow (91%)

Blue (70%)

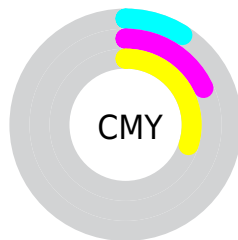


Cyan (0%)

Magenta (10%)

Yellow (23%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5222, 0.3526, 0.3612 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 65.5222, 0.3526, 0.3612 by changing the saturation by 10% instead.


 65.5222, 0.3526,
0.3612

 65.5222, 0.3526,
0.3612

444.6662, 0.3337,
0.3462

 47.8846, 0.3570,
0.3646


 112.8003, 0.3460,
0.3560

 33.7355, 0.3625,
0.3689


143.2096, 0.3434,
0.3540

 22.6905, 0.3694,
0.3742


178.6450, 0.3412,
0.3522

 14.3651, 0.3787,
0.3812

219.4908, 0.3393,
0.3507

 8.3751, 0.3913,
0.3906

266.1314, 0.3377,
0.3494

 4.3359, 0.4097,
0.4037

318.9512, 0.3362,

 1.8632, 0.4438,

0.3482

0.4282

378.3347, 0.3349,
0.3471

0.5261, 0.5307,
0.4693

0.0000, 0.0000,
0.0000

65.5222, 0.3526,
0.3612

65.5222, 0.3526,
0.3612

59.7182, 0.3736,
0.3760

71.8281, 0.3338,
0.3467

54.3928, 0.3967,
0.3905

78.6407, 0.3171,
0.3328

49.5338, 0.4214,
0.4039

85.9760, 0.3024,
0.3198

45.1248, 0.4470,
0.4150

92.7182, 0.2987,
0.3240

41.1481, 0.4723,
0.4227

95.8903, 0.2987,
0.3290

37.5841, 0.4959,
0.4256

34.4104, 0.5161,
0.4231

32.3564, 0.5286,
0.4185

Harmonies

Analogous

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



65.5222, 0.3570, 0.3459



65.5222, 0.3526, 0.3612



65.5222, 0.3374, 0.3684

Triad

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



65.5222, 0.3526, 0.3612



65.5222, 0.2776, 0.3294



65.5222, 0.3083, 0.2965

Complementary

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



65.5222, 0.3526, 0.3612



58.0892, 0.2763, 0.2945

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.



65.5222, 0.2876, 0.2917



65.5222, 0.3526, 0.3612



65.5222, 0.2704, 0.3097

Square

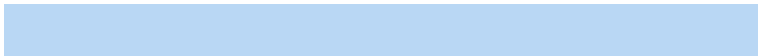
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.5222, 0.3526, 0.3612



65.5222, 0.2941, 0.3499



65.5222, 0.2740, 0.2962



65.5222, 0.3309, 0.3093

Rectangle

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



65.5222, 0.3526, 0.3612



65.5222, 0.3234, 0.3671



65.5222, 0.2740, 0.2962



65.5222, 0.3009, 0.2939

Sweetspot

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



65.5252, 0.3526, 0.3612



93.8625, 0.3238, 0.3385



53.7320, 0.3383, 0.3017



19.9804, 0.3248, 0.3394



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.



65.5252, 0.3526, 0.3612



78.0564, 0.3614, 0.3676



77.8051, 0.3459, 0.3862



15.6704, 0.3279, 0.3419



18.2239, 0.5264, 0.4203



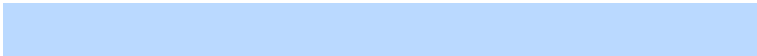
1.5317, 0.5065, 0.4360

Inverse Universe

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



58.0892, 0.2763, 0.2945



67.4448, 0.2691, 0.2871



47.8544, 0.2753, 0.2652



14.9548, 0.2981, 0.3158



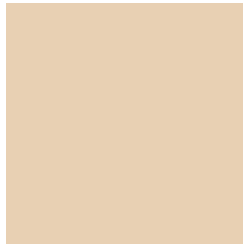
9.0735, 0.1730, 0.1426



0.8540, 0.1807, 0.1705

Previews

White Background



This preview shows how the Yxy color 65.5222, 0.3526, 0.3612 looks on a white background.

Color Contrast Check

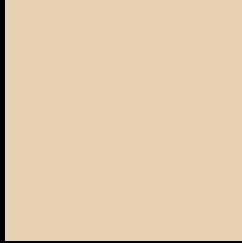
Large Text (above 18pt) WCAG AA × Fail

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 65.5222, 0.3526, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

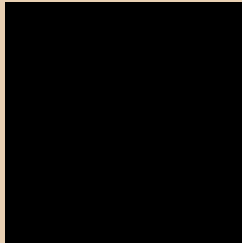
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5222, 0.3526, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 65.5222, 0.3526, 0.3612.



This preview shows how white text looks on a background with the Yxy color 65.5222, 0.3526, 0.3612.

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

65.5222, 0.3526, 0.3612

Protanopia

65.6127, 0.3433, 0.3629

Deuteranopia

65.5357, 0.3618, 0.3549



Tritanopia

65.3075, 0.3282, 0.3120

Trichromacy



Original Color

65.5222, 0.3526, 0.3612

Protanomaly

65.5572, 0.3466, 0.3627

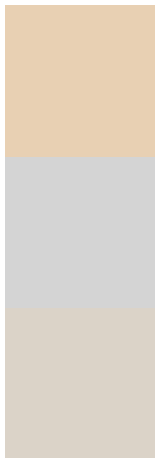
Deuteranomaly

65.3087, 0.3582, 0.3563

Tritanomaly

65.2075, 0.3369, 0.3291

Monochromacy



Original Color

65.5222, 0.3526, 0.3612

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8187, 0.3264, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5222, 0.3526, 0.3612 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(232, 208, 179)` looks like.

```
.text, #text, p{  
    color:rgb(232, 208, 179)  
}
```

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(232, 208, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 208, 179) }
```

Border

The CSS property to change the border of an element to Yxy 65.5222, 0.3526, 0.3612 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(232, 208, 179) }
```

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

```
.border{ border-color:rgb(232, 208, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 208, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 208, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 208, 179);  
box-shadow:4px 4px 4px 4px rgb(232, 208,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5222, 0.3526, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 208, 179) }
```

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

```
.background{ background-color: rgb(232,  
208, 179) }
```

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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