

Converting Colors

$Yxy(65.7568, 0.3507, 0.3634)$

Have a look what the booklet for
Yxy(65.7568, 0.3507, 0.3634)
contains.

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Color

Yxy(65.6786, 0.3508, 0.3624)

Conversions

Conversions Part 1

Format	Color
Hex	E6D1B3
RGB	230, 209, 179
RGB Percent	90%, 82%, 70%
CMY	0.0979, 0.1804, 0.2980
CMYK	0.00, 0.09, 0.22, 0.10
HSL	35°, 51%, 80%
HSV	35°, 22%, 90%
XYZ	63.5763, 65.6786, 51.9774
YIQ	211.8590, 22.1460, -4.8780

Conversions

Conversions Part 2

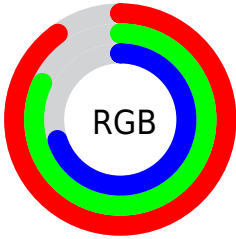
Format	Color
R _Y B	215, 230, 179
Decimal	15126963
CIE _{Lab}	84.83, 2.65, 17.54
CIE _{LCh}	85, 17.740, 81.395
Y _{xy}	65.6786, 0.3508, 0.3624
Android (android.graphics.Color)	4293317043 (0xFFE6D1B3)
YUV	211.8590, -16.1995, 15.9097
Hunter-Lab	81.0423, -1.7939, 18.7033

Details

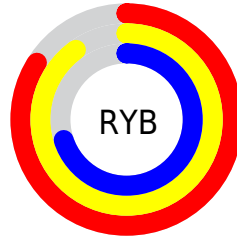
The Yxy color **65.6786, 0.3508, 0.3624** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.6235, 0.2772, 0.2932**, and the grayscale version is **65.8420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **33.9477, 0.3602, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **60.3125, 0.3711, 0.3782**, and if you desaturate by 10%, it is **71.4827, 0.3324, 0.3469**.

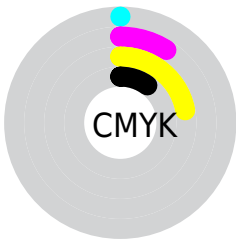
Distribution



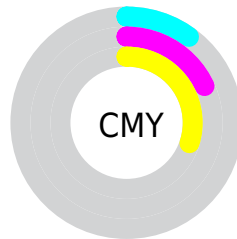
- Red (90%)
- Green (82%)
- Blue (70%)



- Red (84%)
- Yellow (90%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (22%)
- Black (10%)




- Cyan (10%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6786, 0.3508, 0.3624 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 65.6786, 0.3508, 0.3624 by changing the saturation by 10% instead.

 65.6786, 0.3508,
0.3624

 65.6786, 0.3508,
0.3624

445.2266, 0.3328,
0.3468

 48.0115, 0.3550,
0.3660


 113.0249, 0.3445,
0.3570

 33.8360, 0.3602,
0.3704

143.4730, 0.3421,
0.3549

 22.7677, 0.3668,
0.3760


178.9501, 0.3400,
0.3530

 14.4220, 0.3756,
0.3834

219.8408, 0.3382,
0.3515

 8.4148, 0.3876,
0.3933

266.5294, 0.3366,
0.3501

 4.3615, 0.4049,
0.4073

319.4003, 0.3352,

 1.8778, 0.4371,

0.3489

0.4333

378.8379, 0.3339,
0.3478

0.5350, 0.5173,
0.4827

0.0000, 0.0000,
0.0000

65.6786, 0.3508,
0.3624

65.6786, 0.3508,
0.3624

60.3125, 0.3711,
0.3782

71.4827, 0.3324,
0.3469

55.3632, 0.3932,
0.3937

77.7277, 0.3160,
0.3321

50.8202, 0.4167,
0.4081

84.4280, 0.3015,
0.3182

46.6694, 0.4407,
0.4202

90.5191, 0.2975,
0.3209

■ 42.8952, 0.4642,
0.4290

■ 95.5669, 0.2976,
0.3290

■ 39.4806, 0.4859,
0.4331

■ 36.4058, 0.5045,
0.4320

■ 34.2160, 0.5168,
0.4278

Harmonies

Analogous

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



65.6786, 0.3567, 0.3480



65.6786, 0.3508, 0.3624



65.6786, 0.3346, 0.3682

Triad

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



65.6786, 0.3508, 0.3624



65.6786, 0.2764, 0.3267



65.6786, 0.3113, 0.2981

Complementary

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



65.6786, 0.3508, 0.3624



56.6235, 0.2772, 0.2932

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.



65.6786, 0.2902, 0.2921



65.6786, 0.3508, 0.3624



65.6786, 0.2706, 0.3077

Square

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



65.6786, 0.3508, 0.3624



65.6786, 0.2917, 0.3473



65.6786, 0.2756, 0.2953



65.6786, 0.3334, 0.3116

Rectangle

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



65.6786, 0.3508, 0.3624



65.6786, 0.3204, 0.3659



65.6786, 0.2756, 0.2953



65.6786, 0.3039, 0.2952

Sweetspot

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



65.6816, 0.3508, 0.3624



94.2987, 0.3238, 0.3392



53.2527, 0.3395, 0.3053



20.0814, 0.3248, 0.3401



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.



65.6816, 0.3508, 0.3624



79.5439, 0.3607, 0.3703



75.9938, 0.3430, 0.3848



15.7690, 0.3278, 0.3428



19.6133, 0.5149, 0.4294



1.6314, 0.4972, 0.4434

Inverse Universe

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



56.6235, 0.2772, 0.2932



66.0381, 0.2688, 0.2839



48.0569, 0.2784, 0.2676



14.8580, 0.2981, 0.3148



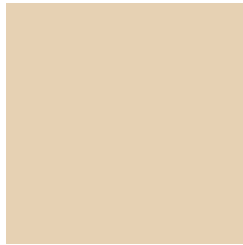
8.0747, 0.1695, 0.1303



0.7761, 0.1775, 0.1591

Previews

White Background



This preview shows how the Yxy color 65.6786, 0.3508, 0.3624 looks on a white background.

Color Contrast Check

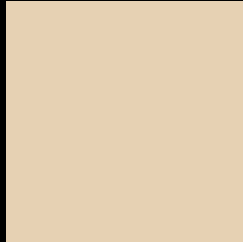
Large Text (above 18pt) WCAG AA × Fail

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 65.6786, 0.3508, 0.3624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

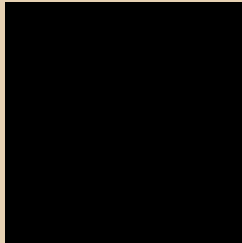
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6786, 0.3508, 0.3624

Background



This preview shows how black text looks on a background with the Yxy color 65.6786, 0.3508, 0.3624.



This preview shows how white text looks on a background with the Yxy color 65.6786, 0.3508, 0.3624.

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

65.6786, 0.3508, 0.3624

Protanopia

65.5718, 0.3440, 0.3641

Deuteranopia

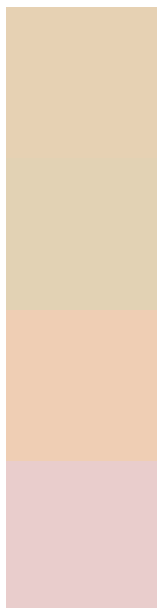
65.7141, 0.3626, 0.3549



Tritanopia

65.4885, 0.3258, 0.3119

Trichromacy



Original Color

65.6786, 0.3508, 0.3624

Protanomaly

65.5572, 0.3466, 0.3627

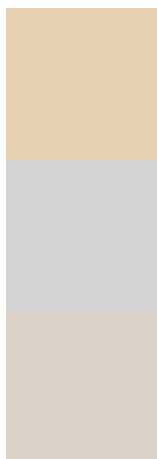
Deuteranomaly

65.7886, 0.3580, 0.3574

Tritanomaly

65.3459, 0.3352, 0.3302

Monochromacy



Original Color

65.6786, 0.3508, 0.3624

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 65.6786, 0.3508, 0.3624 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(230, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(230, 209, 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(230, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 209, 179) }
```

Border

The CSS property to change the border of an element to Yxy 65.6786, 0.3508, 0.3624 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(230, 209, 179) }
```

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

```
.border{ border-color:rgb(230, 209, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 209, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 209, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 209, 179); box-shadow:4px 4px 4px 4px rgb(230, 209, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6786, 0.3508, 0.3624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 209, 179) }
```

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

```
.background{ background-color: rgb(230,  
209, 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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