

Converting Colors

$Yxy(65.9968, 0.3527, 0.3764)$

Have a look what the booklet for
Yxy(65.9968, 0.3527, 0.3764)
contains.

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Color

Yxy(65.9968, 0.3527, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	E1D4AA
RGB	225, 212, 170
RGB Percent	88%, 83%, 67%
CMY	0.1178, 0.1686, 0.3334
CMYK	0.00, 0.06, 0.24, 0.12
HSL	46°, 48%, 77%
HSV	46°, 24%, 88%
XYZ	61.8413, 65.9968, 47.4988
YIQ	211.0990, 21.2300, -10.3060

Conversions

Conversions Part 2

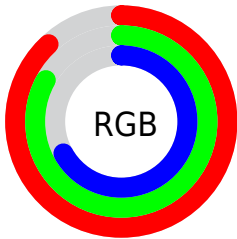
Format	Color
RYB	187, 225, 170
Decimal	14800042
CIELab	84.99, -2.06, 22.45
CIElCh	85, 22.540, 95.246
Yxy	65.9968, 0.3527, 0.3764
Android (android.graphics.Color)	4292990122 (0xFFE1D4AA)
YUV	211.0990, -20.2618, 12.1912
Hunter-Lab	81.2384, -6.2872, 22.2010

Details

The Yxy color **65.9968, 0.3527, 0.3764** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8165, 0.2724, 0.2766**, and the grayscale version is **65.3343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **34.1967, 0.3616, 0.3881** is the 20% darker color. If you saturate the color by 10%, you get **62.6141, 0.3708, 0.3963**, and if you desaturate by 10%, it is **69.6181, 0.3355, 0.3566**.

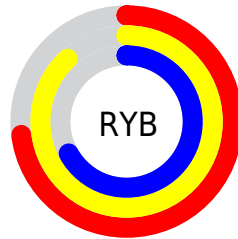
Distribution



Red (88%)

Green (83%)

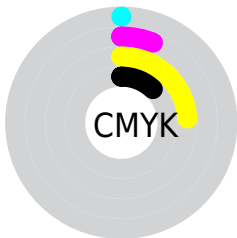
Blue (67%)



Red (73%)

Yellow (88%)

Blue (67%)

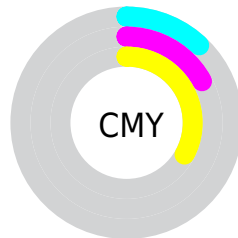


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (12%)



Cyan (12%)


Magenta (17%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9968, 0.3527, 0.3764 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 65.9968, 0.3527, 0.3764 by changing the saturation by 10% instead.


 65.9968, 0.3527,
0.3764

 65.9968, 0.3527,
0.3764

446.3654, 0.3340,
0.3541

 48.2698, 0.3570,
0.3816


 113.4817, 0.3462,
0.3686

 34.0406, 0.3623,
0.3880


144.0085, 0.3437,
0.3656

 22.9248, 0.3690,
0.3961

179.5706, 0.3415,
0.3630

 14.5380, 0.3776,
0.4068

220.5524, 0.3396,
0.3607

 8.4958, 0.3893,
0.4213

267.3385, 0.3379,
0.3587

 4.4138, 0.4054,
0.4418

320.3130, 0.3365,

 1.9076, 0.4464,

0.3570

0.4921

379.8606, 0.3352,
0.3555

■ 0.5530, 0.4622,
0.5378

■ 0.0000, 0.0000,
0.0000

■ 65.9968, 0.3527,
0.3764

■ 65.9968, 0.3527,
0.3764

■ 62.6141, 0.3708,
0.3963

■ 69.6181, 0.3355,
0.3566

■ 59.4528, 0.3894,
0.4154

■ 73.4767, 0.3194,
0.3373

■ 56.5070, 0.4078,
0.4329

■ 77.5828, 0.3047,
0.3189

■ 53.7669, 0.4252,
0.4476

■ 81.6193, 0.2942,
0.3067

■ 51.2217, 0.4409,
0.4586

■ 84.6679, 0.2943,
0.3122

■ 48.8588, 0.4541,
0.4650

■ 87.8074, 0.2944,
0.3176

■ 46.6632, 0.4642,
0.4666

■ 91.0384, 0.2945,
0.3230

■ 45.5023, 0.4689,
0.4659

■ 94.3619, 0.2946,
0.3283

■ 94.7424, 0.2946,
0.3289

Harmonies

Analogous

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



65.9968, 0.3670, 0.3621



65.9968, 0.3527, 0.3764



65.9968, 0.3279, 0.3779

Triad

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



65.9968, 0.3527, 0.3764



65.9968, 0.2620, 0.3138



65.9968, 0.3241, 0.2970

Complementary

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



65.9968, 0.3527, 0.3764



47.8165, 0.2724, 0.2766

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.



65.9968, 0.2958, 0.2849



65.9968, 0.3527, 0.3764



65.9968, 0.2610, 0.2933

Square

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



65.9968, 0.3527, 0.3764



65.9968, 0.2759, 0.3403



65.9968, 0.2731, 0.2832



65.9968, 0.3502, 0.3169

Rectangle

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



65.9968, 0.3527, 0.3764



65.9968, 0.3091, 0.3705



65.9968, 0.2731, 0.2832



65.9968, 0.3144, 0.2920

Sweetspot

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



65.9998, 0.3527, 0.3764



96.2503, 0.3235, 0.3422



48.1936, 0.3512, 0.3132



20.5340, 0.3244, 0.3434



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.



65.9998, 0.3527, 0.3764



85.5056, 0.3612, 0.3859



70.6160, 0.3392, 0.3920



15.4537, 0.3273, 0.3468



26.4166, 0.4679, 0.4667



1.9650, 0.4589, 0.4738

Inverse Universe

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



47.8165, 0.2724, 0.2766



57.6512, 0.2637, 0.2647



44.3332, 0.2816, 0.2619



13.7646, 0.2981, 0.3105



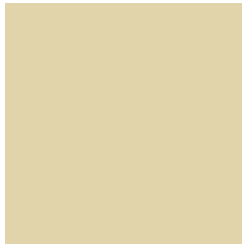
4.7489, 0.1574, 0.0865



0.4660, 0.1654, 0.1155

Previews

White Background



This preview shows how the Yxy color 65.9968, 0.3527, 0.3764 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 65.9968, 0.3527, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

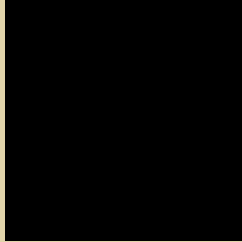
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9968, 0.3527, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 65.9968, 0.3527, 0.3764.



This preview shows how white text looks on a background with the Yxy color 65.9968, 0.3527, 0.3764.

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

65.9968, 0.3527, 0.3764

Protanopia

65.9968, 0.3527, 0.3764

Deuteranopia

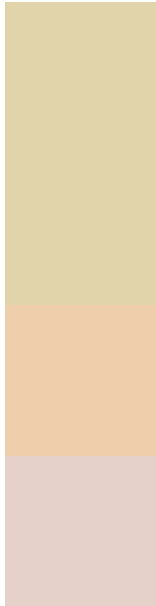
65.9384, 0.3713, 0.3632



Tritanopia

65.8720, 0.3211, 0.3118

Trichromacy



Original Color

65.9968, 0.3527, 0.3764

Protanomaly

65.9968, 0.3527, 0.3764

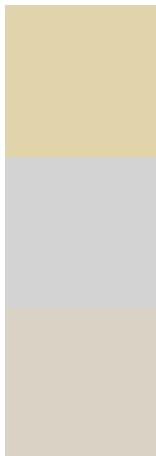
Deuteranomaly

65.9166, 0.3646, 0.3683

Tritanomaly

66.0340, 0.3331, 0.3357

Monochromacy



Original Color

65.9968, 0.3527, 0.3764

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.1730, 0.3270, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9968, 0.3527, 0.3764 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(225, 212, 170)` looks like.

```
.text, #text, p{  
    color:rgb(225, 212, 170)  
}
```

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(225, 212, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 212, 170) }
```

Border

The CSS property to change the border of an element to Yxy 65.9968, 0.3527, 0.3764 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(225, 212, 170) }
```

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

```
.border{ border-color:rgb(225, 212, 170) }
```

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

Here you see how a box with a 4 pixel rgb(225, 212, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 212, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 212, 170);  
box-shadow:4px 4px 4px 4px rgb(225, 212,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9968, 0.3527, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 212, 170) }
```

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

```
.background{ background-color: rgb(225,  
212, 170) }
```

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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