

Converting Colors

Yxy(61.1067, 0.3554, 0.3637)

Have a look what the booklet for
Yxy(61.1067, 0.3554, 0.3637)
contains.

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Color

Yxy(60.8823, 0.3556, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	E2C9AB
RGB	226, 201, 171
RGB Percent	89%, 79%, 67%
CMY	0.1136, 0.2118, 0.3294
CMYK	0.00, 0.11, 0.24, 0.11
HSL	33°, 49%, 78%
HSV	33°, 24%, 89%
XYZ	59.6083, 60.8823, 47.1368
YIQ	205.0550, 24.5300, -4.0300

Conversions

Conversions Part 2

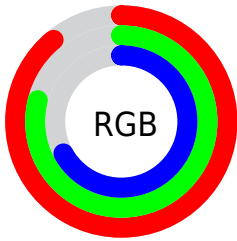
Format	Color
R _Y B	217, 226, 171
Decimal	14862763
CIE Lab	82.32, 4.21, 18.21
CIE LCh	82, 18.693, 76.986
Yxy	60.8823, 0.3556, 0.3632
Android (android.graphics.Color)	4293052843 (0xFFE2C9AB)
YUV	205.0550, -16.7891, 18.3688
Hunter-Lab	78.0271, -0.1835, 18.8014

Details

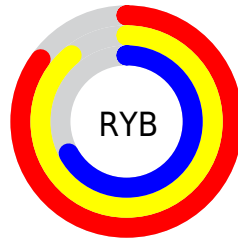
The Yxy color **60.8823, 0.3556, 0.3632** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6465, 0.2738, 0.2922**, and the grayscale version is **61.1877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **30.7454, 0.3661, 0.3710** is the 20% darker color. If you saturate the color by 10%, you get **55.4606, 0.3770, 0.3779**, and if you desaturate by 10%, it is **66.7779, 0.3364, 0.3487**.

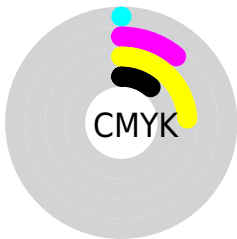
Distribution



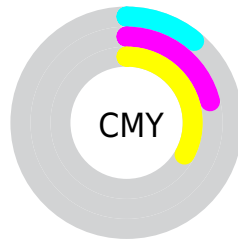
- Red (89%)
- Green (79%)
- Blue (67%)



- Red (85%)
- Yellow (89%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (11%)





- Cyan (11%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8823, 0.3556, 0.3632 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 60.8823, 0.3556, 0.3632 by changing the saturation by 10% instead.

 60.8823, 0.3556,
0.3632

 60.8823, 0.3556,
0.3632


427.8423, 0.3351,
0.3471

 44.1302, 0.3604,
0.3669


 106.1085, 0.3483,
0.3576

 30.7729, 0.3665,
0.3715


135.3514, 0.3456,
0.3554

 20.4260, 0.3743,
0.3774


169.5266, 0.3432,
0.3535

 12.7051, 0.3847,
0.3851

209.0186, 0.3411,
0.3519

 7.2258, 0.3991,
0.3955

254.2118, 0.3393,
0.3505

 3.6037, 0.4203,
0.4100

305.4906, 0.3377,

 1.4544, 0.4788,

0.3492

0.4551

363.2393, 0.3363,
0.3481

0.2563, 0.5747,
0.4253

0.0000, 0.0000,
0.0000

60.8823, 0.3556,
0.3632

60.8823, 0.3556,
0.3632

55.4606, 0.3770,
0.3779

66.7779, 0.3364,
0.3487

50.4909, 0.4003,
0.3922

73.1520, 0.3195,
0.3348

45.9611, 0.4253,
0.4053

80.0200, 0.3045,
0.3217

41.8558, 0.4510,
0.4159

86.9738, 0.2950,
0.3159

■ 38.1580, 0.4763,
0.4229

■ 93.2725, 0.2952,
0.3264

■ 34.8488, 0.4995,
0.4250

■ 94.9138, 0.2952,
0.3289

■ 31.9065, 0.5194,
0.4217

■ 30.3896, 0.5293,
0.4180

Harmonies

Analogous

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



60.8823, 0.3601, 0.3466



60.8823, 0.3556, 0.3632



60.8823, 0.3394, 0.3713

Triad

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



60.8823, 0.3556, 0.3632



60.8823, 0.2754, 0.3297



60.8823, 0.3076, 0.2942

Complementary

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



60.8823, 0.3556, 0.3632



53.6465, 0.2738, 0.2922

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.



60.8823, 0.2856, 0.2891



60.8823, 0.3556, 0.3632



60.8823, 0.2676, 0.3085

Square

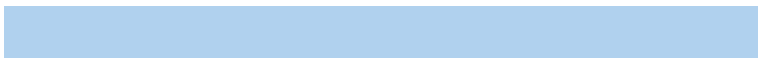
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8823, 0.3556, 0.3632



60.8823, 0.2931, 0.3518



60.8823, 0.2712, 0.2940



60.8823, 0.3318, 0.3077

Rectangle

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



60.8823, 0.3556, 0.3632



60.8823, 0.3244, 0.3700



60.8823, 0.2712, 0.2940



60.8823, 0.2997, 0.2915

Sweetspot

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



60.8851, 0.3556, 0.3632



93.8310, 0.3238, 0.3385



49.3161, 0.3403, 0.2998



19.9731, 0.3248, 0.3393



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.



60.8851, 0.3556, 0.3632



76.5000, 0.3657, 0.3703



73.2286, 0.3480, 0.3899



14.9324, 0.3278, 0.3418



17.5724, 0.5271, 0.4197



1.3964, 0.5060, 0.4365

Inverse Universe

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



53.6465, 0.2738, 0.2922



65.4943, 0.2657, 0.2837



43.4837, 0.2725, 0.2605



14.2653, 0.2981, 0.3159



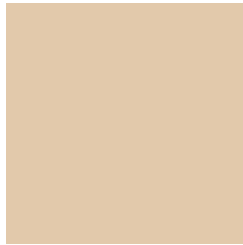
8.8767, 0.1733, 0.1437



0.7926, 0.1814, 0.1731

Previews

White Background



This preview shows how the Yxy color 60.8823, 0.3556, 0.3632 looks on a white background.

Color Contrast Check

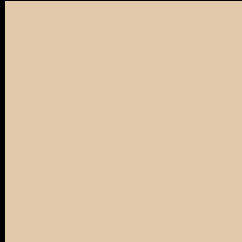
Large Text (above 18pt) WCAG AA × Fail

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 60.8823, 0.3556, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

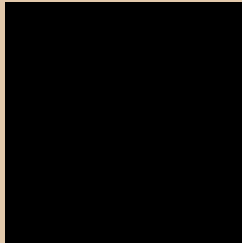
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8823, 0.3556, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 60.8823, 0.3556, 0.3632.



This preview shows how white text looks on a background with the Yxy color 60.8823, 0.3556, 0.3632.

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

60.8823, 0.3556, 0.3632

Protanopia

60.8018, 0.3451, 0.3652

Deuteranopia

60.7439, 0.3642, 0.3568



Tritanopia

60.7223, 0.3295, 0.3115

Trichromacy



Original Color

60.8823, 0.3556, 0.3632

Protanomaly

60.9061, 0.3493, 0.3648

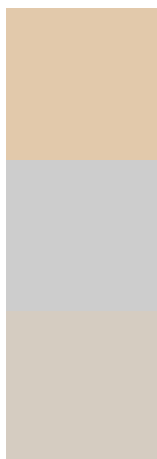
Deuteranomaly

60.5225, 0.3606, 0.3582

Tritanomaly

60.5760, 0.3393, 0.3302

Monochromacy



Original Color

60.8823, 0.3556, 0.3632

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.1821, 0.3277, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8823, 0.3556, 0.3632 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(226, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 171)  
}
```

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(226, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 171) }
```

Border

The CSS property to change the border of an element to Yxy 60.8823, 0.3556, 0.3632 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(226, 201, 171) }
```

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

```
.border{ border-color:rgb(226, 201, 171) }
```

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

Here you see how a box with a 4 pixel rgb(226, 201, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 201,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8823, 0.3556, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 171) }
```

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

```
.background{ background-color: rgb(226,  
201, 171) }
```

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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