

Converting Colors

$Yxy(61.6797, 0.3517, 0.3672)$

Have a look what the booklet for
Yxy(61.6797, 0.3517, 0.3672)
contains.

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Color

Yxy(61.6556, 0.3515, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	DECCAB
RGB	222, 204, 171
RGB Percent	87%, 80%, 67%
CMY	0.1294, 0.2000, 0.3294
CMYK	0.00, 0.08, 0.23, 0.13
HSL	39°, 44%, 77%
HSV	39°, 23%, 87%
XYZ	59.0677, 61.6556, 47.3214
YIQ	205.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

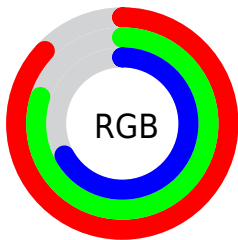
Format	Color
RYB	199, 222, 171
Decimal	14601387
CIELab	82.73, 1.12, 18.73
CIELCh	83, 18.764, 86.563
Yxy	61.6556, 0.3515, 0.3669
Android (android.graphics.Color)	4292791467 (0xFFDECCAB)
YUV	205.6200, -17.0677, 14.3653
Hunter-Lab	78.5211, -3.1347, 19.2331

Details

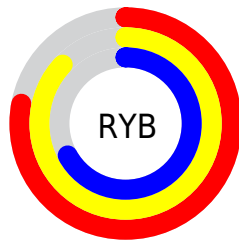
The Yxy color **61.6556, 0.3515, 0.3669** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.3299, 0.2756, 0.2879**, and the grayscale version is **61.5685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **31.2516, 0.3605, 0.3760** is the 20% darker color. If you saturate the color by 10%, you get **57.2507, 0.3711, 0.3841**, and if you desaturate by 10%, it is **66.3956, 0.3335, 0.3499**.

Distribution



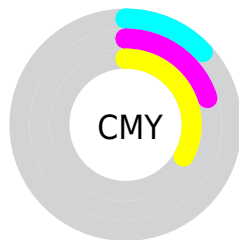
- Red (87%)
- Green (80%)
- Blue (67%)



- Red (78%)
- Yellow (87%)
- Blue (67%)



- Cyan (0%)
- Magenta (8%)
- Yellow (23%)
- Black (13%)





- Cyan (13%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6556, 0.3515, 0.3669 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 61.6556, 0.3515, 0.3669 by changing the saturation by 10% instead.


 61.6556, 0.3515,
0.3669

 61.6556, 0.3515,
0.3669

430.6737, 0.3330,
0.3489

 44.7545, 0.3558,
0.3711

 107.2276, 0.3450,
0.3606

 31.2641, 0.3612,
0.3763

136.6673, 0.3425,
0.3582

 20.8000, 0.3682,
0.3830


171.0553, 0.3404,
0.3561

 12.9779, 0.3773,
0.3917

210.7760, 0.3385,
0.3543

 7.4133, 0.3900,
0.4038

256.2138, 0.3369,
0.3527

 3.7219, 0.4083,
0.4210

307.7531, 0.3354,

 1.5193, 0.4596,

0.3513

0.4707

365.7783, 0.3342,
0.3500

0.3022, 0.5101,
0.4899

0.0000, 0.0000,
0.0000

61.6556, 0.3515,
0.3669

61.6556, 0.3515,
0.3669

57.2507, 0.3711,
0.3841

66.3956, 0.3335,
0.3499

53.1627, 0.3920,
0.4009

71.4716, 0.3172,
0.3337

49.3838, 0.4137,
0.4164

76.8951, 0.3026,
0.3183

45.9028, 0.4354,
0.4295

82.3608, 0.2923,
0.3088

■ 42.7073, 0.4562,
0.4391

■ 86.9544, 0.2926,
0.3169

■ 39.7832, 0.4748,
0.4442

■ 91.7481, 0.2928,
0.3249

■ 37.1143, 0.4904,
0.4441

■ 94.2690, 0.2929,
0.3289

■ 35.3729, 0.4997,
0.4414

Harmonies

Analogous

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



61.6556, 0.3601, 0.3525



61.6556, 0.3515, 0.3669



61.6556, 0.3325, 0.3714

Triad

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



61.6556, 0.3515, 0.3669



61.6556, 0.2717, 0.3225



61.6556, 0.3154, 0.2977

Complementary

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



61.6556, 0.3515, 0.3669



50.3299, 0.2756, 0.2879

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.



61.6556, 0.2920, 0.2897



61.6556, 0.3515, 0.3669



61.6556, 0.2675, 0.3030

Square

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



61.6556, 0.3515, 0.3669



61.6556, 0.2866, 0.3451



61.6556, 0.2747, 0.2914



61.6556, 0.3388, 0.3133

Rectangle

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



61.6556, 0.3515, 0.3669



61.6556, 0.3167, 0.3674



61.6556, 0.2747, 0.2914



61.6556, 0.3072, 0.2941

Sweetspot

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



61.6584, 0.3515, 0.3669



94.9500, 0.3237, 0.3402



48.3648, 0.3429, 0.3074



20.2324, 0.3247, 0.3412



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.



61.6584, 0.3515, 0.3669



81.1891, 0.3616, 0.3759



69.6586, 0.3421, 0.3871



15.1731, 0.3276, 0.3441



21.2279, 0.4982, 0.4426



1.6379, 0.4829, 0.4547

Inverse Universe

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



50.3299, 0.2756, 0.2879



62.8614, 0.2665, 0.2771



43.8472, 0.2791, 0.2657



14.0306, 0.2981, 0.3134



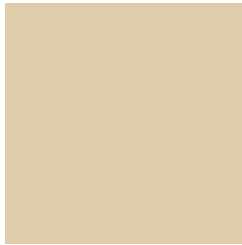
6.5874, 0.1649, 0.1136



0.6210, 0.1735, 0.1447

Previews

White Background



This preview shows how the Yxy color 61.6556, 0.3515, 0.3669 looks on a white background.

Color Contrast Check

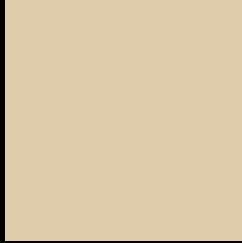
Large Text (above 18pt) WCAG AA × Fail

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 61.6556, 0.3515, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

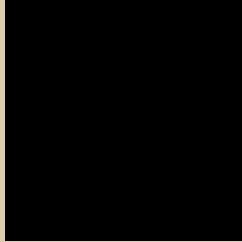
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

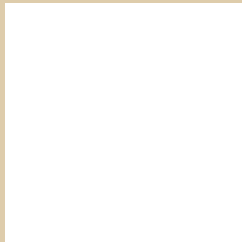
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6556, 0.3515, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 61.6556, 0.3515, 0.3669.



This preview shows how white text looks on a background with the Yxy color 61.6556, 0.3515, 0.3669.

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

61.6556, 0.3515, 0.3669

Protanopia

61.8729, 0.3462, 0.3685

Deuteranopia

61.5439, 0.3656, 0.3577



Tritanopia

61.5741, 0.3238, 0.3114

Trichromacy



Original Color

61.6556, 0.3515, 0.3669

Protanomaly

61.7013, 0.3481, 0.3672

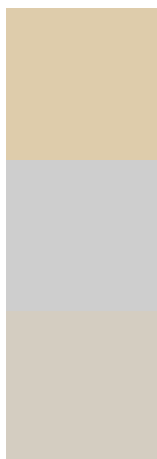
Deuteranomaly

61.4429, 0.3600, 0.3604

Tritanomaly

61.3933, 0.3340, 0.3313

Monochromacy



Original Color

61.6556, 0.3515, 0.3669

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5099, 0.3268, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6556, 0.3515, 0.3669 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(222, 204, 171)` looks like.

```
.text, #text, p{  
    color:rgb(222, 204, 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(222, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 204, 171) }
```

Border

The CSS property to change the border of an element to Yxy 61.6556, 0.3515, 0.3669 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(222, 204, 171) }
```

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

```
.border{ border-color:rgb(222, 204, 171) }
```

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

Here you see how a box with a 4 pixel rgb(222, 204, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 204, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 204, 171);  
box-shadow:4px 4px 4px 4px rgb(222, 204,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6556, 0.3515, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 204, 171) }
```

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

```
.background{ background-color: rgb(222,  
204, 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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