

Converting Colors

Yxy(57.5618, 0.3446, 0.3506)

Have a look what the booklet for
Yxy(57.5618, 0.3446, 0.3506)
contains.

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Color

Yxy(57.5996, 0.3445, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	DAC4B2
RGB	218, 196, 178
RGB Percent	85%, 77%, 70%
CMY	0.1453, 0.2313, 0.3020
CMYK	0.00, 0.10, 0.18, 0.15
HSL	27°, 35%, 78%
HSV	27°, 18%, 85%
XYZ	56.6783, 57.5996, 50.2454
YIQ	200.5260, 18.8900, -0.9340

Conversions

Conversions Part 2

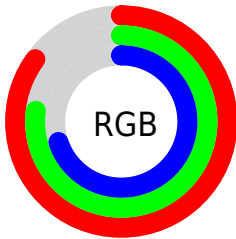
Format	Color
RYB	218, 211, 178
Decimal	14337202
CIELab	80.52, 4.84, 11.85
CIELCh	81, 12.803, 67.806
Yxy	57.5996, 0.3445, 0.3501
Android (android.graphics.Color)	4292527282 (0xFFDAC4B2)
YUV	200.5260, -11.1053, 15.3247
Hunter-Lab	75.8944, 0.4894, 13.8735

Details

The Yxy color $57.5996, 0.3445, 0.3501$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.7976, 0.2841, 0.3069$, and the grayscale version is $58.1594, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.4511, 0.3252, 0.3474$, and $28.6132, 0.3537, 0.3554$ is the 20% darker color. If you saturate the color by 10%, you get $51.6112, 0.3656, 0.3623$, and if you desaturate by 10%, it is $64.1626, 0.3261, 0.3383$.

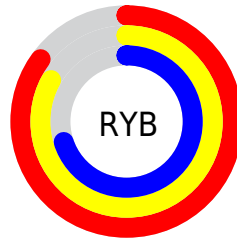
Distribution



Red (85%)

Green (77%)

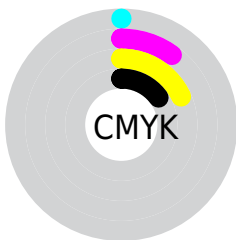
Blue (70%)



Red (85%)

Yellow (83%)

Blue (70%)

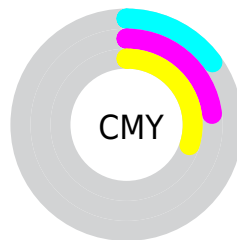


Cyan (0%)

Magenta (10%)

Yellow (18%)

Black (15%)



Cyan (15%)


Magenta (23%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5996, 0.3445, 0.3501 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 57.5996, 0.3445, 0.3501 by changing the saturation by 10% instead.

 57.5996, 0.3445,
0.3501

 57.5996, 0.3445,
0.3501


415.6923, 0.3291,
0.3401

 41.4868, 0.3482,
0.3525

 101.3396, 0.3390,
0.3466

 28.6997, 0.3529,
0.3554


129.7355, 0.3369,
0.3452

 18.8538, 0.3589,
0.3592


162.9947, 0.3351,
0.3440

 11.5647, 0.3672,
0.3642

201.5015, 0.3336,
0.3430

 6.4480, 0.3789,
0.3711

245.6402, 0.3323,
0.3422

 3.1193, 0.3968,
0.3812

295.7953, 0.3311,

 1.1944, 0.4404,

0.3414

0.4092

352.3512, 0.3300,
0.3407

0.0571, 0.7512,
0.2488

0.0000, 0.0000,
0.0000

57.5996, 0.3445,
0.3501

57.5996, 0.3445,
0.3501

51.6112, 0.3656,
0.3623

64.1626, 0.3261,
0.3383

46.1730, 0.3894,
0.3746

71.3082, 0.3102,
0.3272

41.2704, 0.4160,
0.3862

79.0541, 0.2965,
0.3169

36.8846, 0.4448,
0.3963

86.7419, 0.2901,
0.3175

■ 32.9961, 0.4747,
0.4036

■ 93.6384, 0.2905,
0.3289

■ 29.5832, 0.5040,
0.4068

■ 26.6221, 0.5307,
0.4048

■ 24.0830, 0.5531,
0.3976

■ 23.6961, 0.5567,
0.3962

Harmonies

Analogous

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



57.5996, 0.3447, 0.3374



57.5996, 0.3445, 0.3501



57.5996, 0.3356, 0.3575

Triad

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



57.5996, 0.3445, 0.3501



57.5996, 0.2897, 0.3345



57.5996, 0.3042, 0.3026

Complementary

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



57.5996, 0.3445, 0.3501



55.7976, 0.2841, 0.3069

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.



57.5996, 0.2899, 0.3012



57.5996, 0.3445, 0.3501



57.5996, 0.2818, 0.3192

Square

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



57.5996, 0.3445, 0.3501



57.5996, 0.3039, 0.3487



57.5996, 0.2818, 0.3071



57.5996, 0.3211, 0.3105

Rectangle

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



57.5996, 0.3445, 0.3501



57.5996, 0.3260, 0.3582



57.5996, 0.2818, 0.3071



57.5996, 0.2989, 0.3013

Sweetspot

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



57.6022, 0.3445, 0.3501



93.8123, 0.3223, 0.3357



50.9051, 0.3294, 0.3036



19.9395, 0.3234, 0.3365



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.



57.6022, 0.3445, 0.3501



78.8032, 0.3523, 0.3548



67.2018, 0.3406, 0.3723



14.0141, 0.3280, 0.3396



14.4116, 0.5542, 0.3981



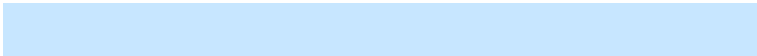
1.1042, 0.5268, 0.4199

Inverse Universe

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



55.7976, 0.2841, 0.3069



75.7696, 0.2779, 0.3017



47.1625, 0.2827, 0.2817



13.7959, 0.2982, 0.3182



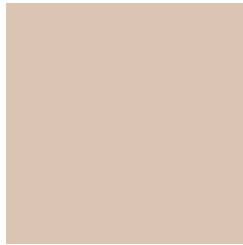
11.2475, 0.1820, 0.1751



0.9000, 0.1896, 0.2024

Previews

White Background



This preview shows how the Yxy color 57.5996, 0.3445, 0.3501 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 57.5996, 0.3445, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

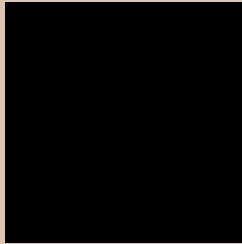
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5996, 0.3445, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 57.5996, 0.3445, 0.3501.



This preview shows how white text looks on a background with the Yxy color 57.5996, 0.3445, 0.3501.

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

57.5996, 0.3445, 0.3501

Protanopia

57.5520, 0.3341, 0.3517

Deuteranopia

57.7255, 0.3520, 0.3450



Tritanopia

57.7339, 0.3257, 0.3121

Trichromacy



Original Color

57.5996, 0.3445, 0.3501

Protanomaly

57.6399, 0.3384, 0.3515

Deuteranomaly

57.6855, 0.3492, 0.3463

Tritanomaly

57.4976, 0.3333, 0.3256

Monochromacy



Original Color

57.5996, 0.3445, 0.3501

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9625, 0.3235, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5996, 0.3445, 0.3501 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(218, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 196, 178)  
}
```

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(218, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 196, 178) }
```

Border

The CSS property to change the border of an element to Yxy 57.5996, 0.3445, 0.3501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

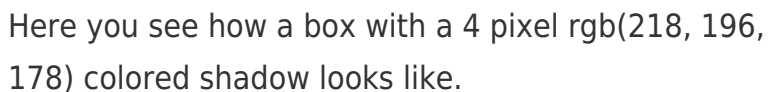
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 196, 178) }
```

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

```
.border{ border-color:rgb(218, 196, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(218, 196,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5996, 0.3445, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 196, 178) }
```

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

```
.background{ background-color: rgb(218,  
196, 178) }
```

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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