

Converting Colors

Yxy(60.4464, 0.3338, 0.3587)

Have a look what the booklet for
Yxy(60.4464, 0.3338, 0.3587)
contains.

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Color

Yxy(60.5132, 0.3340, 0.3586)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D1CDB4 |
| RGB | 209, 205, 180 |
| RGB Percent | 82%, 80%, 71% |
| CMY | 0.1804, 0.1961, 0.2942 |
| CMYK | 0.00, 0.02, 0.14, 0.18 |
| HSL | 52°, 24%, 76% |
| HSV | 52°, 14%, 82% |
| XYZ | 56.3620, 60.5132, 51.8733 |
| YIQ | 203.3460, 10.4090, -6.9270 |

Conversions

Conversions Part 2

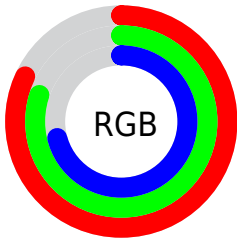
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 185, 209, 180 |
| Decimal | 13749684 |
| CIELab | 82.12, -2.85, 12.96 |
| CIELCh | 82, 13.272, 102.390 |
| Yxy | 60.5132, 0.3340, 0.3586 |
| Android (android.graphics.Color) | 4291939764 (0xFFD1CDB4) |
| YUV | 203.3460, -11.5096, 4.9586 |
| Hunter-Lab | 77.7902, -6.8028, 14.9165 |

Details

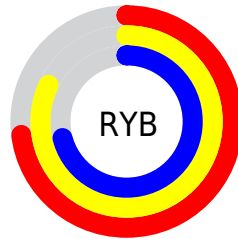
The Yxy color **60.5132, 0.3340, 0.3586** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5707, 0.2908, 0.2976**, and the grayscale version is **60.0190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **30.5355, 0.3390, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **58.3637, 0.3503, 0.3806**, and if you desaturate by 10%, it is **62.8218, 0.3185, 0.3371**.

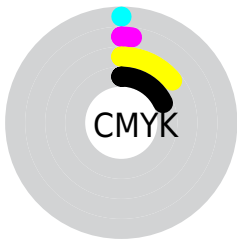
Distribution



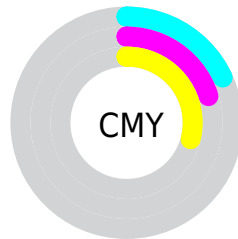
- Red (82%)
- Green (80%)
- Blue (71%)



- Red (73%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (18%)





- Cyan (18%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5132, 0.3340, 0.3586 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 60.5132, 0.3340, 0.3586 by changing the saturation by 10% instead.


 60.5132, 0.3340,
0.3586

 60.5132, 0.3340,
0.3586


426.4868, 0.3239,
0.3444

 43.8324, 0.3364,
0.3620

 105.5738, 0.3304,
0.3535

 30.5388, 0.3394,
0.3663


134.7224, 0.3291,
0.3516

 20.2479, 0.3432,
0.3718


168.7957, 0.3279,
0.3500

 12.5754, 0.3483,
0.3792

208.1781, 0.3269,
0.3485

 7.1368, 0.3554,
0.3897

253.2540, 0.3260,
0.3473

 3.5478, 0.3659,
0.4057

304.4079, 0.3252,

 1.4240, 0.3892,

0.3462

0.4397

362.0240, 0.3245,
0.3452

0.2343, 0.3953,
0.6047

0.0000, 0.0000,
0.0000

60.5132, 0.3340,
0.3586

60.5132, 0.3340,
0.3586

58.3637, 0.3503,
0.3806

62.8218, 0.3185,
0.3371

56.3593, 0.3669,
0.4025

65.2870, 0.3040,
0.3166

54.4966, 0.3835,
0.4235

67.9167, 0.2906,
0.2973

52.7686, 0.3993,
0.4427

70.1512, 0.2833,
0.2879

■ 51.1678, 0.4138,
0.4590

■ 71.6428, 0.2834,
0.2910

■ 49.6858, 0.4261,
0.4715

■ 73.1604, 0.2836,
0.2942

■ 48.3129, 0.4359,
0.4797

■ 74.7041, 0.2838,
0.2973

■ 47.0374, 0.4428,
0.4834

■ 76.2740, 0.2839,
0.3004

■ 46.2936, 0.4461,
0.4840

■ 77.8702, 0.2841,
0.3035

Harmonies

Analogous

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



60.5132, 0.3443, 0.3521



60.5132, 0.3340, 0.3586



60.5132, 0.3182, 0.3569

Triad

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



60.5132, 0.3340, 0.3586



60.5132, 0.2806, 0.3168



60.5132, 0.3238, 0.3119

Complementary

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



60.5132, 0.3340, 0.3586



48.5707, 0.2908, 0.2976

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.



60.5132, 0.3066, 0.3029



60.5132, 0.3340, 0.3586



60.5132, 0.2820, 0.3053

Square

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



60.5132, 0.3340, 0.3586



60.5132, 0.2876, 0.3322



60.5132, 0.2914, 0.3004



60.5132, 0.3384, 0.3252

Rectangle

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



60.5132, 0.3340, 0.3586



60.5132, 0.3067, 0.3512



60.5132, 0.2914, 0.3004



60.5132, 0.3181, 0.3083

Sweetspot

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



60.5159, 0.3340, 0.3586



98.4679, 0.3187, 0.3374



49.6609, 0.3345, 0.3238



21.0155, 0.3199, 0.3391



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.



60.5159, 0.3340, 0.3586



93.7678, 0.3393, 0.3658



61.0170, 0.3254, 0.3640



13.5085, 0.3269, 0.3489



28.6500, 0.4456, 0.4844



1.6803, 0.4401, 0.4888

Inverse Universe

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



48.5707, 0.2908, 0.2976



71.1093, 0.2851, 0.2893



48.1986, 0.2987, 0.2933



11.6764, 0.2982, 0.3083



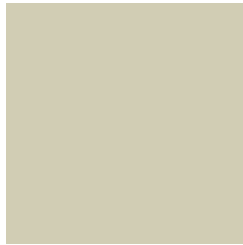
3.4577, 0.1532, 0.0715



0.2806, 0.1607, 0.0985

Previews

White Background



This preview shows how the Yxy color 60.5132, 0.3340, 0.3586 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 60.5132, 0.3340, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

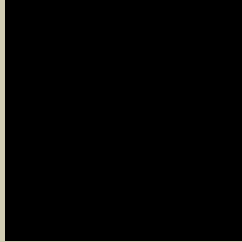
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

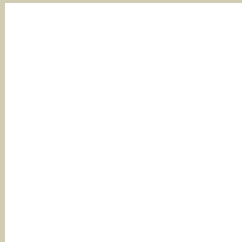
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5132, 0.3340, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 60.5132, 0.3340, 0.3586.



This preview shows how white text looks on a background with the Yxy color 60.5132, 0.3340, 0.3586.

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

60.5132, 0.3340, 0.3586

Protanopia

60.7365, 0.3389, 0.3582

Deuteranopia

60.4657, 0.3528, 0.3459



Tritanopia

60.5626, 0.3120, 0.3109

Trichromacy



Original Color

60.5132, 0.3340, 0.3586

Protanomaly

60.4375, 0.3373, 0.3584

Deuteranomaly

60.4920, 0.3463, 0.3507

Tritanomaly

60.5499, 0.3198, 0.3279

Monochromacy



Original Color

60.5132, 0.3340, 0.3586

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.1050, 0.3199, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5132, 0.3340, 0.3586 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(209, 205, 180)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 180)  
}
```

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(209, 205, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 180) }
```

Border

The CSS property to change the border of an element to Yxy 60.5132, 0.3340, 0.3586 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(209, 205, 180) }
```

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

```
.border{ border-color:rgb(209, 205, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 205, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 180);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5132, 0.3340, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 180) }
```

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

```
.background{ background-color: rgb(209,  
205, 180) }
```

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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