

Converting Colors

$Yxy(60.6361, 0.3377, 0.3461)$

Have a look what the booklet for
Yxy(60.6361, 0.3377, 0.3461)
contains.

Yxy(60.4212, 0.3374, 0.3452)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4212, 0.3374, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9BB
RGB	219, 201, 187
RGB Percent	86%, 79%, 73%
CMY	0.1414, 0.2117, 0.2667
CMYK	0.00, 0.08, 0.15, 0.14
HSL	26°, 31%, 80%
HSV	26°, 15%, 86%
XYZ	59.0559, 60.4212, 55.5553
YIQ	204.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

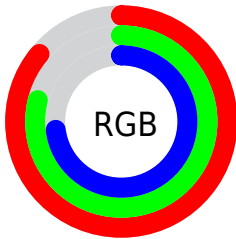
Format	Color
R _Y B	219, 212, 187
Decimal	14404027
CIE Lab	82.07, 3.96, 9.26
CIE LCh	82, 10.074, 66.880
Yxy	60.4212, 0.3374, 0.3452
Android (android.graphics.Color)	4292594107 (0xFFDBC9BB)
YUV	204.7860, -8.7685, 12.4657
Hunter-Lab	77.7311, -0.4146, 12.0365

Details

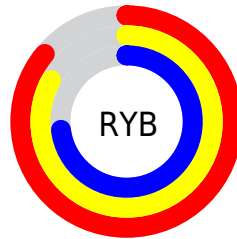
The Yxy color **60.4212, 0.3374, 0.3452** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2925, 0.2900, 0.3122**, and the grayscale version is **60.9539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **30.4812, 0.3439, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **54.0586, 0.3575, 0.3570**, and if you desaturate by 10%, it is **67.3896, 0.3199, 0.3339**.

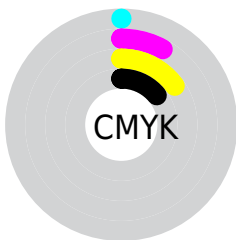
Distribution



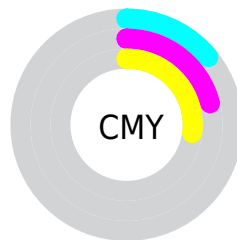
- Red (86%)
- Green (79%)
- Blue (73%)



- Red (86%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (14%)





- Cyan (14%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4212, 0.3374, 0.3452 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 60.4212, 0.3374, 0.3452 by changing the saturation by 10% instead.

 60.4212, 0.3374,
0.3452

 60.4212, 0.3374,
0.3452


426.1486, 0.3255,
0.3375

 43.7582, 0.3402,
0.3470


 105.4404, 0.3332,
0.3425

 30.4805, 0.3438,
0.3492


134.5655, 0.3316,
0.3415

 20.2036, 0.3484,
0.3521


168.6133, 0.3302,
0.3406

 12.5431, 0.3546,
0.3559

207.9684, 0.3290,
0.3398

 7.1147, 0.3633,
0.3612

253.0150, 0.3280,
0.3391

 3.5339, 0.3766,
0.3689

304.1377, 0.3271,

 1.4164, 0.4001,

0.3385

361.7207, 0.3263,
0.3380

0.3822

0.2288, 0.5785,
0.4215

0.0000, 0.0000,
0.0000

60.4212, 0.3374,
0.3452

60.4212, 0.3374,
0.3452

54.0586, 0.3575,
0.3570

67.3896, 0.3199,
0.3339

48.2767, 0.3806,
0.3690

74.9722, 0.3048,
0.3234

43.0603, 0.4065,
0.3807

83.1873, 0.2919,
0.3136

38.3902, 0.4349,
0.3912

90.7248, 0.2910,
0.3240

■ 34.2463, 0.4651,
0.3994

■ 93.7915, 0.2911,
0.3289

■ 30.6066, 0.4954,
0.4040

■ 27.4471, 0.5240,
0.4037

■ 24.7407, 0.5485,
0.3980

■ 23.4498, 0.5602,
0.3934

Harmonies

Analogous

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



60.4212, 0.3373, 0.3353



60.4212, 0.3374, 0.3452



60.4212, 0.3307, 0.3510

Triad

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



60.4212, 0.3374, 0.3452



60.4212, 0.2952, 0.3337



60.4212, 0.3058, 0.3083

Complementary

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



60.4212, 0.3374, 0.3452



59.2925, 0.2900, 0.3122

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.



60.4212, 0.2948, 0.3075



60.4212, 0.3374, 0.3452



60.4212, 0.2887, 0.3219

Square

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



60.4212, 0.3374, 0.3452



60.4212, 0.3063, 0.3444



60.4212, 0.2886, 0.3123



60.4212, 0.3188, 0.3143

Rectangle

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



60.4212, 0.3374, 0.3452



60.4212, 0.3235, 0.3516



60.4212, 0.2886, 0.3123



60.4212, 0.3017, 0.3074

Sweetspot

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



60.4239, 0.3374, 0.3452



95.7654, 0.3190, 0.3333



54.9990, 0.3251, 0.3083



20.3307, 0.3202, 0.3342



0.0000, 0.0000, 0.0000



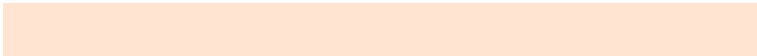
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.4239, 0.3374, 0.3452



82.0526, 0.3442, 0.3494



68.1688, 0.3348, 0.3627



13.9880, 0.3281, 0.3393



14.1224, 0.5577, 0.3954



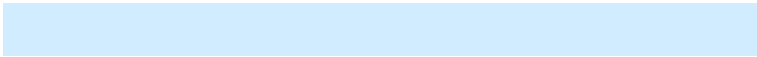
1.0846, 0.5296, 0.4177

Inverse Universe

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



59.2925, 0.2900, 0.3122



80.1133, 0.2844, 0.3078



52.1204, 0.2894, 0.2929



13.8223, 0.2982, 0.3185



11.6244, 0.1831, 0.1792



0.9237, 0.1905, 0.2059

Previews

White Background



This preview shows how the Yxy color 60.4212, 0.3374, 0.3452 looks on a white background.

Color Contrast Check

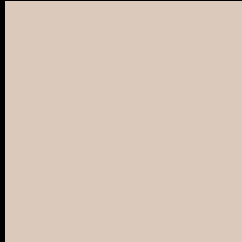
Large Text (above 18pt) WCAG AA × Fail

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 60.4212, 0.3374, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

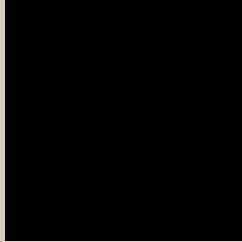
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4212, 0.3374, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 60.4212, 0.3374, 0.3452.



This preview shows how white text looks on a background with the Yxy color 60.4212, 0.3374, 0.3452.

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

60.4212, 0.3374, 0.3452

Protanopia

60.3398, 0.3307, 0.3466

Deuteranopia

60.3863, 0.3464, 0.3392



Tritanopia

60.2662, 0.3206, 0.3112

Trichromacy



Original Color

60.4212, 0.3374, 0.3452

Protanomaly

60.3190, 0.3333, 0.3453

Deuteranomaly

60.1878, 0.3429, 0.3404

Tritanomaly

60.1200, 0.3265, 0.3223

Monochromacy



Original Color

60.4212, 0.3374, 0.3452

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9646, 0.3217, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4212, 0.3374, 0.3452 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(219, 201, 187)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 187)  
}
```

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(219, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 187) }
```

Border

The CSS property to change the border of an element to Yxy 60.4212, 0.3374, 0.3452 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(219, 201, 187) }
```

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

```
.border{ border-color:rgb(219, 201, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 201, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 201, 187); box-shadow:4px 4px 4px 4px rgb(219, 201, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4212, 0.3374, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 187) }
```

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

```
.background{ background-color: rgb(219,  
201, 187) }
```

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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