

Converting Colors

Yxy(60.8533, 0.3320, 0.3416)

Have a look what the booklet for
Yxy(60.8533, 0.3320, 0.3416)
contains.

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Color

Yxy(60.7544, 0.3326, 0.3417)

Conversions

Conversions Part 1

Format	Color
Hex	D9CABF
RGB	217, 202, 191
RGB Percent	85%, 79%, 75%
CMY	0.1491, 0.2078, 0.2509
CMYK	0.00, 0.07, 0.12, 0.15
HSL	25°, 25%, 80%
HSV	25°, 12%, 85%
XYZ	59.1364, 60.7544, 57.9096
YIQ	205.2310, 12.4710, -0.2410

Conversions

Conversions Part 2

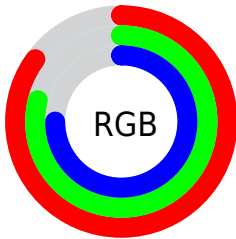
Format	Color
R _Y B	217, 210, 191
Decimal	14273215
CIE Lab	82.25, 3.37, 7.35
CIE LCh	82, 8.086, 65.341
Yxy	60.7544, 0.3326, 0.3417
Android (android.graphics.Color)	4292463295 (0xFFD9CABF)
YUV	205.2310, -7.0159, 10.3214
Hunter-Lab	77.9451, -0.9772, 10.5119

Details

The Yxy color **60.7544, 0.3326, 0.3417** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2232, 0.2942, 0.3160**, and the grayscale version is **61.2452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **30.6962, 0.3374, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **54.2362, 0.3521, 0.3530**, and if you desaturate by 10%, it is **67.8955, 0.3157, 0.3310**.

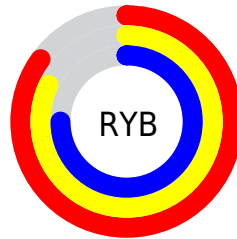
Distribution



Red (85%)

Green (79%)

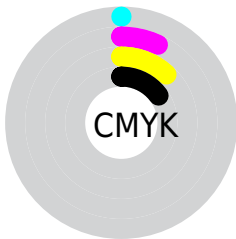
Blue (75%)



Red (85%)

Yellow (82%)

Blue (75%)

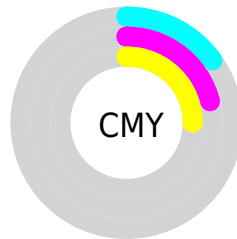


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (21%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7544, 0.3326, 0.3417 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 60.7544, 0.3326, 0.3417 by changing the saturation by 10% instead.


 60.7544, 0.3326,
0.3417

 60.7544, 0.3326,
0.3417

427.3729, 0.3231,
0.3357

 44.0270, 0.3349,
0.3431


 105.9232, 0.3292,
0.3396

 30.6917, 0.3377,
0.3449


135.1335, 0.3279,
0.3388

 20.3642, 0.3414,
0.3471


169.2734, 0.3268,
0.3381

 12.6601, 0.3464,
0.3501

208.7275, 0.3259,
0.3375

 7.1949, 0.3534,
0.3543

253.8801, 0.3250,
0.3369

 3.5843, 0.3641,
0.3605

305.1156, 0.3243,

 1.4438, 0.3824,

0.3365

362.8184, 0.3236,
0.3361

0.3706

0.2487, 0.5617,
0.4383

0.0000, 0.0000,
0.0000

60.7544, 0.3326,
0.3417

60.7544, 0.3326,
0.3417

54.2362, 0.3521,
0.3530

67.8955, 0.3157,
0.3310

48.3153, 0.3746,
0.3646

75.6680, 0.3012,
0.3211

42.9762, 0.4001,
0.3760

84.0189, 0.2894,
0.3130

38.1996, 0.4284,
0.3865

91.6215, 0.2899,
0.3259

■ 33.9647, 0.4588,
0.3950

■ 93.4885, 0.2900,
0.3289

■ 30.2496, 0.4901,
0.4004

■ 27.0301, 0.5201,
0.4012

■ 24.2794, 0.5466,
0.3967

■ 22.3818, 0.5647,
0.3898

Harmonies

Analogous

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



60.7544, 0.3322, 0.3337



60.7544, 0.3326, 0.3417



60.7544, 0.3276, 0.3465

Triad

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



60.7544, 0.3326, 0.3417



60.7544, 0.2990, 0.3333



60.7544, 0.3067, 0.3122

Complementary

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



60.7544, 0.3326, 0.3417



60.2232, 0.2942, 0.3160

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.



60.7544, 0.2979, 0.3118



60.7544, 0.3326, 0.3417



60.7544, 0.2936, 0.3238

Square

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



60.7544, 0.3326, 0.3417



60.7544, 0.3081, 0.3417



60.7544, 0.2932, 0.3160



60.7544, 0.3171, 0.3169

Rectangle

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



60.7544, 0.3326, 0.3417



60.7544, 0.3219, 0.3471



60.7544, 0.2932, 0.3160



60.7544, 0.3034, 0.3115

Sweetspot

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



60.7571, 0.3326, 0.3417



95.6654, 0.3190, 0.3332



56.4820, 0.3223, 0.3117



20.3054, 0.3203, 0.3340



0.0000, 0.0000, 0.0000



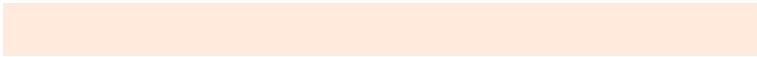
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7571, 0.3326, 0.3417



85.4736, 0.3366, 0.3441



67.0179, 0.3308, 0.3560



13.9533, 0.3281, 0.3389



13.7511, 0.5622, 0.3918



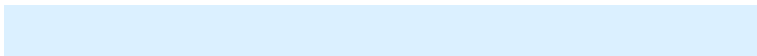
1.0592, 0.5334, 0.4147

Inverse Universe

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



60.2232, 0.2942, 0.3160



84.5780, 0.2908, 0.3134



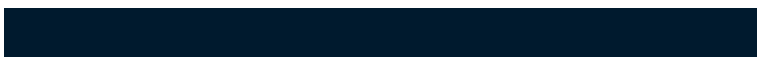
54.3075, 0.2939, 0.3005



13.8577, 0.2982, 0.3189



12.1422, 0.1847, 0.1848



0.9560, 0.1918, 0.2106

Previews

White Background



This preview shows how the Yxy color 60.7544, 0.3326, 0.3417 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 60.7544, 0.3326, 0.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

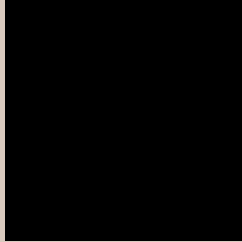
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

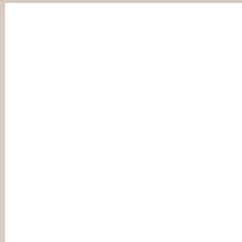
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7544, 0.3326, 0.3417

Background



This preview shows how black text looks on a background with the Yxy color 60.7544, 0.3326, 0.3417.



This preview shows how white text looks on a background with the Yxy color 60.7544, 0.3326, 0.3417.

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

60.7544, 0.3326, 0.3417

Protanopia

60.8404, 0.3268, 0.3430

Deuteranopia

60.8520, 0.3422, 0.3358



Tritanopia

60.9175, 0.3182, 0.3122

Trichromacy



Original Color

60.7544, 0.3326, 0.3417

Protanomaly

60.6638, 0.3285, 0.3418

Deuteranomaly

60.6602, 0.3388, 0.3370

Tritanomaly

60.8249, 0.3232, 0.3222

Monochromacy



Original Color

60.7544, 0.3326, 0.3417

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.9112, 0.3194, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7544, 0.3326, 0.3417 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(217, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(217, 202, 191)  
}
```

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(217, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 202, 191) }
```

Border

The CSS property to change the border of an element to Yxy 60.7544, 0.3326, 0.3417 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(217, 202, 191) }
```

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

```
.border{ border-color:rgb(217, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(217, 202,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7544, 0.3326, 0.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 202, 191) }
```

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

```
.background{ background-color: rgb(217,  
202, 191) }
```

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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