

Converting Colors

Yxy(61.9664, 0.3386, 0.3480)

Have a look what the booklet for
Yxy(61.9664, 0.3386, 0.3480)
contains.

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Color

Yxy(62.1457, 0.3385, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	DDCCBB
RGB	221, 204, 187
RGB Percent	87%, 80%, 73%
CMY	0.1334, 0.2000, 0.2665
CMYK	0.00, 0.08, 0.15, 0.13
HSL	30°, 33%, 80%
HSV	30°, 15%, 87%
XYZ	60.3798, 62.1457, 55.8491
YIQ	207.1450, 15.5890, -1.6830

Conversions

Conversions Part 2

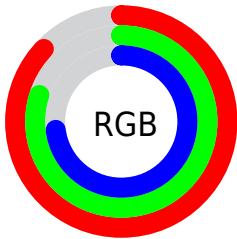
Format	Color
R _Y B	221, 221, 187
Decimal	14535867
CIE Lab	82.99, 3.14, 10.58
CIE LCh	83, 11.033, 73.484
Yxy	62.1457, 0.3385, 0.3484
Android (android.graphics.Color)	4292725947 (0xFFDDCCBB)
YUV	207.1450, -9.9315, 12.1508
Hunter-Lab	78.8325, -1.2394, 13.1787

Details

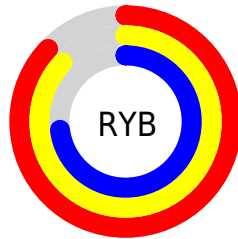
The Yxy color $62.1457, 0.3385, 0.3484$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $58.9806, 0.2887, 0.3088$, and the grayscale version is $62.5544, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.2511, 0.3197, 0.3405$, and $31.6409, 0.3452, 0.3531$ is the 20% darker color. If you saturate the color by 10%, you get $56.2053, 0.3583, 0.3618$, and if you desaturate by 10%, it is $68.6100, 0.3211, 0.3356$.

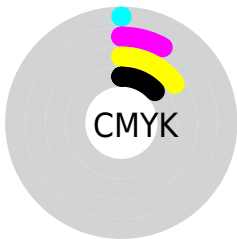
Distribution



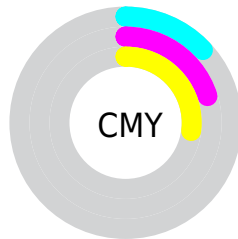
- Red (87%)
- Green (80%)
- Blue (73%)



- Red (87%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (8%)
- Yellow (15%)
- Black (13%)




- Cyan (13%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.1457, 0.3385, 0.3484 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 62.1457, 0.3385, 0.3484 by changing the saturation by 10% instead.


 62.1457, 0.3385,
0.3484

 62.1457, 0.3385,
0.3484

432.4624, 0.3262,
0.3392

 45.1504, 0.3414,
0.3505


 107.9361, 0.3341,
0.3452

 31.5759, 0.3451,
0.3532


137.5000, 0.3325,
0.3440

 21.0378, 0.3498,
0.3566


172.0222, 0.3311,
0.3429

 13.1516, 0.3561,
0.3611

211.8872, 0.3298,
0.3420

 7.5330, 0.3649,
0.3673

257.4793, 0.3287,
0.3412

 3.7976, 0.3782,
0.3765

309.1830, 0.3278,

 1.5610, 0.4010,

0.3404

0.3917

367.3825, 0.3269,
0.3398

0.3311, 0.5416,
0.4584

0.0000, 0.0000,
0.0000

62.1457, 0.3385,
0.3484

62.1457, 0.3385,
0.3484

56.2053, 0.3583,
0.3618

68.6100, 0.3211,
0.3356

50.7661, 0.3806,
0.3754

75.6036, 0.3059,
0.3235

45.8159, 0.4052,
0.3885

83.1422, 0.2927,
0.3123

41.3387, 0.4317,
0.4003

89.8518, 0.2921,
0.3220

■ 37.3173, 0.4593,
0.4096

■ 94.1089, 0.2923,
0.3289

■ 33.7333, 0.4866,
0.4152

■ 30.5662, 0.5119,
0.4159

■ 27.7925, 0.5334,
0.4110

■ 26.6248, 0.5424,
0.4075

Harmonies

Analogous

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



62.1457, 0.3401, 0.3384



62.1457, 0.3385, 0.3484



62.1457, 0.3299, 0.3534

Triad

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



62.1457, 0.3385, 0.3484



62.1457, 0.2916, 0.3312



62.1457, 0.3082, 0.3076

Complementary

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



62.1457, 0.3385, 0.3484



58.9806, 0.2887, 0.3088

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.



62.1457, 0.2955, 0.3053



62.1457, 0.3385, 0.3484



62.1457, 0.2861, 0.3186

Square

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



62.1457, 0.3385, 0.3484



62.1457, 0.3028, 0.3435



62.1457, 0.2875, 0.3092



62.1457, 0.3224, 0.3152

Rectangle

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



62.1457, 0.3385, 0.3484



62.1457, 0.3214, 0.3531



62.1457, 0.2875, 0.3092



62.1457, 0.3036, 0.3062

Sweetspot

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



62.1485, 0.3385, 0.3484



95.2053, 0.3206, 0.3352



55.3144, 0.3272, 0.3091



20.2368, 0.3217, 0.3361



0.0000, 0.0000, 0.0000



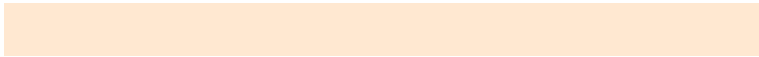
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1485, 0.3385, 0.3484



83.6088, 0.3438, 0.3521



70.3622, 0.3358, 0.3663



14.1217, 0.3279, 0.3407



15.6967, 0.5400, 0.4094



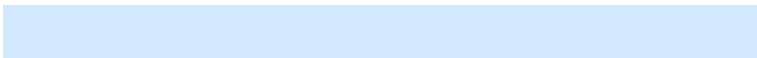
1.1893, 0.5152, 0.4292

Inverse Universe

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



58.9806, 0.2887, 0.3088



78.5323, 0.2842, 0.3048



51.5882, 0.2880, 0.2887



13.6876, 0.2982, 0.3170



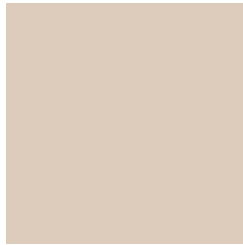
9.8017, 0.1774, 0.1586



0.8073, 0.1856, 0.1881

Previews

White Background



This preview shows how the Yxy color 62.1457, 0.3385, 0.3484 looks on a white background.

Color Contrast Check

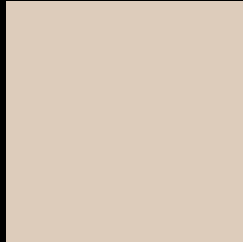
Large Text (above 18pt) WCAG AA × Fail

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 62.1457, 0.3385, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

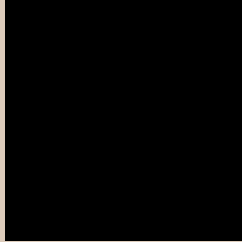
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1457, 0.3385, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 62.1457, 0.3385, 0.3484.



This preview shows how white text looks on a background with the Yxy color 62.1457, 0.3385, 0.3484.

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

62.1457, 0.3385, 0.3484

Protanopia

62.2205, 0.3327, 0.3498

Deuteranopia

61.9701, 0.3493, 0.3412



Tritanopia

62.2224, 0.3213, 0.3125

Trichromacy



Original Color

62.1457, 0.3385, 0.3484

Protanomaly

62.0452, 0.3344, 0.3486

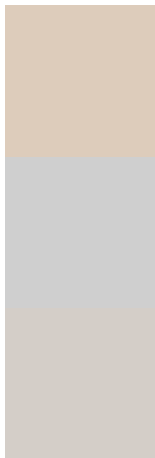
Deuteranomaly

62.0621, 0.3448, 0.3436

Tritanomaly

62.0284, 0.3278, 0.3246

Monochromacy



Original Color

62.1457, 0.3385, 0.3484

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.3098, 0.3216, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1457, 0.3385, 0.3484 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(221, 204, 187)` looks like.

```
.text, #text, p{  
    color:rgb(221, 204, 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(221, 204, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 204, 187) }
```

Border

The CSS property to change the border of an element to Yxy 62.1457, 0.3385, 0.3484 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(221, 204, 187) }
```

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

```
.border{ border-color:rgb(221, 204, 187) }
```

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

Here you see how a box with a 4 pixel rgb(221, 204, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 204, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 204, 187);  
box-shadow:4px 4px 4px 4px rgb(221, 204,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1457, 0.3385, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 204, 187) }
```

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

```
.background{ background-color: rgb(221,  
204, 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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