

Converting Colors

Yxy(62.5673, 0.3361, 0.3474)

Have a look what the booklet for
Yxy(62.5673, 0.3361, 0.3474)
contains.

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Color

Yxy(62.5524, 0.3361, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	DCCDBD
RGB	220, 205, 189
RGB Percent	86%, 80%, 74%
CMY	0.1372, 0.1961, 0.2588
CMYK	0.00, 0.07, 0.14, 0.14
HSL	31°, 31%, 80%
HSV	31°, 14%, 86%
XYZ	60.5352, 62.5524, 57.0230
YIQ	207.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

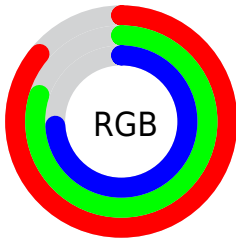
Format	Color
R _Y B	218, 220, 189
Decimal	14470589
CIE Lab	83.21, 2.58, 9.83
CIE LCh	83, 10.167, 75.322
Yxy	62.5524, 0.3361, 0.3473
Android (android.graphics.Color)	4292660669 (0xFFDCCDBD)
YUV	207.6610, -9.1999, 10.8213
Hunter-Lab	79.0901, -1.7846, 12.6157

Details

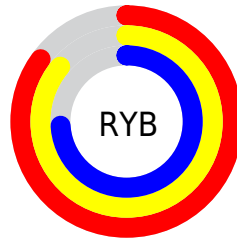
The Yxy color **62.5524, 0.3361, 0.3473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1779, 0.2907, 0.3100**, and the grayscale version is **62.9020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **31.9101, 0.3419, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **56.7477, 0.3554, 0.3610**, and if you desaturate by 10%, it is **68.8545, 0.3191, 0.3342**.

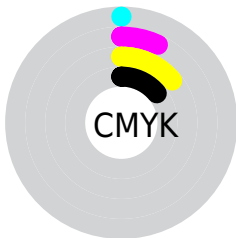
Distribution



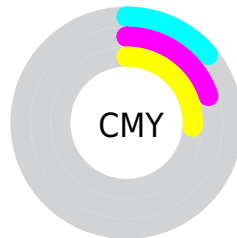
- Red (86%)
- Green (80%)
- Blue (74%)



- Red (85%)
- Yellow (86%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5524, 0.3361, 0.3473 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 62.5524, 0.3361, 0.3473 by changing the saturation by 10% instead.


 62.5524, 0.3361,
0.3473

 62.5524, 0.3361,
0.3473


433.9432, 0.3249,
0.3387

 45.4792, 0.3387,
0.3493


 108.5235, 0.3322,
0.3443

 31.8350, 0.3420,
0.3518


138.1902, 0.3307,
0.3431

 21.2355, 0.3463,
0.3551


172.8235, 0.3294,
0.3421

 13.2963, 0.3520,
0.3593

212.8078, 0.3282,
0.3412

 7.6329, 0.3600,
0.3652

258.5276, 0.3273,
0.3405

 3.8609, 0.3720,
0.3740

310.3671, 0.3264,

 1.5961, 0.3920,

0.3398

0.3881

368.7109, 0.3256,
0.3392

0.3550, 0.5300,
0.4700

0.0000, 0.0000,
0.0000

62.5524, 0.3361,
0.3473

62.5524, 0.3361,
0.3473

56.7477, 0.3554,
0.3610

68.8545, 0.3191,
0.3342

51.4187, 0.3771,
0.3750

75.6584, 0.3042,
0.3218

46.5541, 0.4011,
0.3886

82.9791, 0.2912,
0.3104

42.1389, 0.4269,
0.4010

89.3293, 0.2915,
0.3214

■ 38.1574, 0.4538,
0.4111

■ 93.9586, 0.2917,
0.3289

■ 34.5921, 0.4804,
0.4176

■ 31.4240, 0.5052,
0.4193

■ 28.6314, 0.5266,
0.4155

■ 27.1435, 0.5377,
0.4113

Harmonies

Analogous

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



62.5524, 0.3380, 0.3384



62.5524, 0.3361, 0.3473



62.5524, 0.3279, 0.3515

Triad

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



62.5524, 0.3361, 0.3473



62.5524, 0.2928, 0.3303



62.5524, 0.3094, 0.3095

Complementary

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



62.5524, 0.3361, 0.3473



59.1779, 0.2907, 0.3100

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.



62.5524, 0.2975, 0.3072



62.5524, 0.3361, 0.3473



62.5524, 0.2881, 0.3188

Square

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



62.5524, 0.3361, 0.3473



62.5524, 0.3029, 0.3417



62.5524, 0.2898, 0.3105



62.5524, 0.3224, 0.3168

Rectangle

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



62.5524, 0.3361, 0.3473



62.5524, 0.3200, 0.3509



62.5524, 0.2898, 0.3105



62.5524, 0.3051, 0.3081

Sweetspot

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



62.5552, 0.3361, 0.3473



96.2504, 0.3190, 0.3341



55.9951, 0.3263, 0.3114



20.4534, 0.3202, 0.3350



0.0000, 0.0000, 0.0000



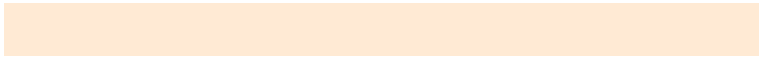
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5552, 0.3361, 0.3473



84.8502, 0.3417, 0.3514



70.0886, 0.3337, 0.3638



14.1571, 0.3279, 0.3411



16.1516, 0.5354, 0.4131



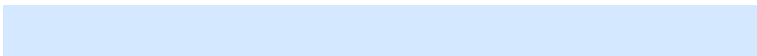
1.2187, 0.5114, 0.4321

Inverse Universe

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



59.1779, 0.2907, 0.3100



79.2363, 0.2858, 0.3055



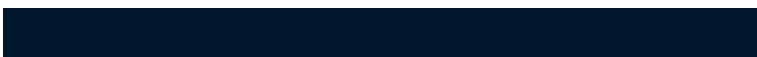
52.3789, 0.2902, 0.2917



13.6523, 0.2982, 0.3166



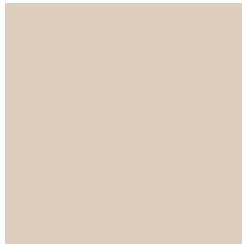
9.3638, 0.1759, 0.1533



0.7787, 0.1843, 0.1835

Previews

White Background



This preview shows how the Yxy color 62.5524, 0.3361, 0.3473 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 62.5524, 0.3361, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

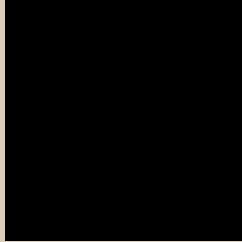
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5524, 0.3361, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 62.5524, 0.3361, 0.3473.



This preview shows how white text looks on a background with the Yxy color 62.5524, 0.3361, 0.3473.

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

62.5524, 0.3361, 0.3473

Protanopia

62.7904, 0.3311, 0.3486

Deuteranopia

62.5187, 0.3475, 0.3401



Tritanopia

62.6303, 0.3189, 0.3114

Trichromacy



Original Color

62.5524, 0.3361, 0.3473

Protanomaly

62.6120, 0.3328, 0.3474

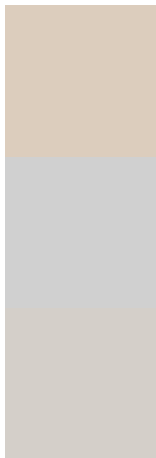
Deuteranomaly

62.6168, 0.3431, 0.3425

Tritanomaly

62.4340, 0.3254, 0.3235

Monochromacy



Original Color

62.5524, 0.3361, 0.3473

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.8397, 0.3208, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5524, 0.3361, 0.3473 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(220, 205, 189)` looks like.

```
.text, #text, p{  
    color:rgb(220, 205, 189)  
}
```

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(220, 205, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 205, 189) }
```

Border

The CSS property to change the border of an element to Yxy 62.5524, 0.3361, 0.3473 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(220, 205, 189) }
```

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

```
.border{ border-color:rgb(220, 205, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 205, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 205, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 205, 189);  
box-shadow:4px 4px 4px 4px rgb(220, 205,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5524, 0.3361, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 205, 189) }
```

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

```
.background{ background-color: rgb(220,  
205, 189) }
```

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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