

Converting Colors

$Yxy(62.2022, 0.3364, 0.3545)$

Have a look what the booklet for
Yxy(62.2022, 0.3364, 0.3545)
contains.

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Color

Yxy(62.2022, 0.3364, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	D8CEB8
RGB	216, 206, 184
RGB Percent	85%, 81%, 72%
CMY	0.1532, 0.1920, 0.2785
CMYK	0.00, 0.05, 0.15, 0.15
HSL	41°, 29%, 78%
HSV	41°, 15%, 85%
XYZ	59.0263, 62.2022, 54.2361
YIQ	206.4820, 13.0220, -4.7220

Conversions

Conversions Part 2

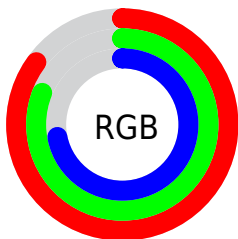
Format	Color
R _Y B	199, 216, 184
Decimal	14208696
CIE Lab	83.02, -0.23, 12.19
CIE LCh	83, 12.187, 91.076
Yxy	62.2022, 0.3364, 0.3545
Android (android.graphics.Color)	4292398776 (0xFFD8CEB8)
YUV	206.4820, -11.0836, 8.3473
Hunter-Lab	78.8684, -4.4275, 14.4354

Details

The Yxy color **62.2022, 0.3364, 0.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6810, 0.2894, 0.3021**, and the grayscale version is **62.1086, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **31.6722, 0.3423, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **58.2109, 0.3543, 0.3725**, and if you desaturate by 10%, it is **66.4746, 0.3200, 0.3371**.

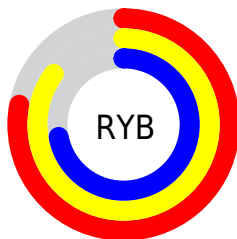
Distribution



Red (85%)

Green (81%)

Blue (72%)



Red (78%)

Yellow (85%)

Blue (72%)

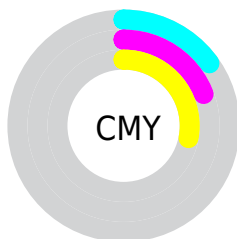


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.2022, 0.3364, 0.3545 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 62.2022, 0.3364, 0.3545 by changing the saturation by 10% instead.

■ 62.2022, 0.3364,
0.3545

■ 62.2022, 0.3364,
0.3545

432.6683, 0.3251,
0.3424

■ 45.1961, 0.3391,
0.3574

■ 108.0177, 0.3324,
0.3502

■ 31.6119, 0.3424,
0.3609

137.5959, 0.3309,
0.3486

■ 21.0652, 0.3466,
0.3655

172.1336, 0.3296,
0.3472

■ 13.1717, 0.3523,
0.3717

212.0152, 0.3285,
0.3459

■ 7.5469, 0.3602,
0.3802

257.6251, 0.3275,
0.3449

■ 3.8064, 0.3720,
0.3930

309.3476, 0.3266,

■ 1.5659, 0.3933,

0.3439

0.4161

367.5672, 0.3258,
0.3431

0.3344, 0.4829,
0.5171

0.0000, 0.0000,
0.0000

62.2022, 0.3364,
0.3545

62.2022, 0.3364,
0.3545

58.2109, 0.3543,
0.3725

66.4746, 0.3200,
0.3371

54.4845, 0.3735,
0.3907

71.0274, 0.3052,
0.3205

51.0174, 0.3936,
0.4082

75.8705, 0.2919,
0.3051

47.8004, 0.4140,
0.4242

79.9813, 0.2885,
0.3059

■ 44.8238, 0.4340,
0.4376

■ 83.8411, 0.2888,
0.3129

■ 42.0765, 0.4526,
0.4472

■ 87.8463, 0.2890,
0.3199

■ 39.5461, 0.4688,
0.4523

■ 91.9985, 0.2893,
0.3268

■ 37.2180, 0.4819,
0.4522

■ 93.3289, 0.2894,
0.3289

■ 36.0737, 0.4879,
0.4508

Harmonies

Analogous

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



62.2022, 0.3430, 0.3463



62.2022, 0.3364, 0.3545



62.2022, 0.3235, 0.3559

Triad

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



62.2022, 0.3364, 0.3545



62.2022, 0.2850, 0.3230



62.2022, 0.3170, 0.3097

Complementary

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



62.2022, 0.3364, 0.3545



53.6810, 0.2894, 0.3021

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.



62.2022, 0.3015, 0.3036



62.2022, 0.3364, 0.3545



62.2022, 0.2833, 0.3108

Square

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



62.2022, 0.3364, 0.3545



62.2022, 0.2939, 0.3373



62.2022, 0.2893, 0.3039



62.2022, 0.3316, 0.3206

Rectangle

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



62.2022, 0.3364, 0.3545



62.2022, 0.3132, 0.3524



62.2022, 0.2893, 0.3039



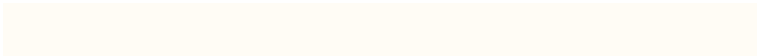
62.2022, 0.3117, 0.3070

Sweetspot

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



62.2050, 0.3364, 0.3545



97.3587, 0.3188, 0.3358



52.7654, 0.3318, 0.3172



20.7341, 0.3200, 0.3371



0.0000, 0.0000, 0.0000



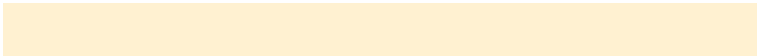
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2050, 0.3364, 0.3545



88.6402, 0.3423, 0.3605



66.2512, 0.3303, 0.3660



13.8398, 0.3274, 0.3450



21.5664, 0.4866, 0.4518



1.4450, 0.4722, 0.4633

Inverse Universe

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



53.6810, 0.2894, 0.3021



73.7442, 0.2837, 0.2953



50.1585, 0.2935, 0.2903



12.6307, 0.2982, 0.3125



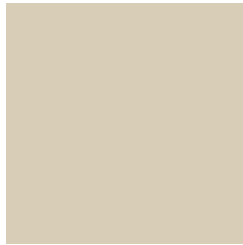
5.4793, 0.1620, 0.1031



0.4763, 0.1717, 0.1381

Previews

White Background



This preview shows how the Yxy color 62.2022, 0.3364, 0.3545 looks on a white background.

Color Contrast Check

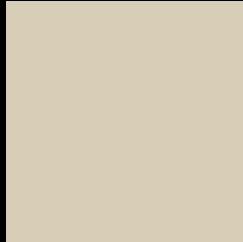
Large Text (above 18pt) WCAG AA × Fail

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 62.2022, 0.3364, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

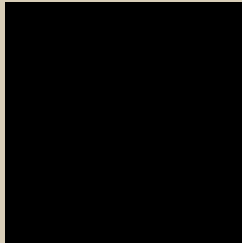
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2022, 0.3364, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 62.2022, 0.3364, 0.3545.

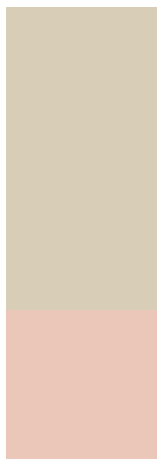


This preview shows how white text looks on a background with the Yxy color 62.2022, 0.3364, 0.3545.

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

62.2022, 0.3364, 0.3545

Protanopia

62.2022, 0.3364, 0.3545

Deuteranopia

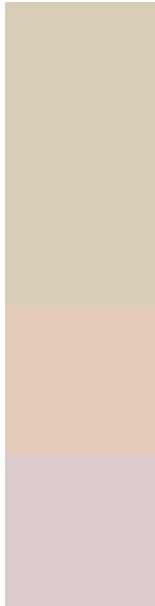
62.0118, 0.3525, 0.3446



Tritanopia

61.9987, 0.3159, 0.3112

Trichromacy



Original Color

62.2022, 0.3364, 0.3545

Protanomaly

62.2022, 0.3364, 0.3545

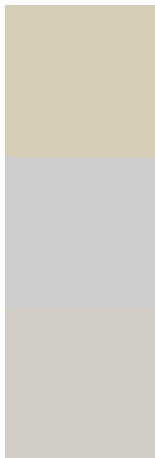
Deuteranomaly

62.2378, 0.3461, 0.3482

Tritanomaly

62.1797, 0.3237, 0.3268

Monochromacy



Original Color

62.2022, 0.3364, 0.3545

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.9215, 0.3215, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2022, 0.3364, 0.3545 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(216, 206, 184)` looks like.

```
.text, #text, p{  
    color:rgb(216, 206, 184)  
}
```

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(216, 206, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 206, 184) }
```

Border

The CSS property to change the border of an element to Yxy 62.2022, 0.3364, 0.3545 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(216, 206, 184) }
```

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

```
.border{ border-color:rgb(216, 206, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 206, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 206, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 206, 184);  
box-shadow:4px 4px 4px 4px rgb(216, 206,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2022, 0.3364, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 206, 184) }
```

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

```
.background{ background-color: rgb(216,  
206, 184) }
```

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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