

Converting Colors

Yxy(61.6344, 0.3387, 0.3518)

Have a look what the booklet for
Yxy(61.6344, 0.3387, 0.3518)
contains.

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Color

Yxy(61.7065, 0.3392, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	DBCCB8
RGB	219, 204, 184
RGB Percent	86%, 80%, 72%
CMY	0.1411, 0.2000, 0.2784
CMYK	0.00, 0.07, 0.16, 0.14
HSL	34°, 33%, 79%
HSV	34°, 16%, 86%
XYZ	59.4626, 61.7065, 54.1334
YIQ	206.2050, 15.3600, -3.0400

Conversions

Conversions Part 2

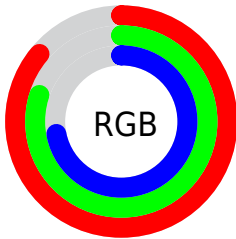
Format	Color
R _Y B	210, 219, 184
Decimal	14404792
CIE Lab	82.76, 1.96, 11.83
CIE LCh	83, 11.991, 80.609
Yxy	61.7065, 0.3392, 0.3520
Android (android.graphics.Color)	4292594872 (0xFFDBCCB8)
YUV	206.2050, -10.9471, 11.2212
Hunter-Lab	78.5535, -2.3495, 14.1290

Details

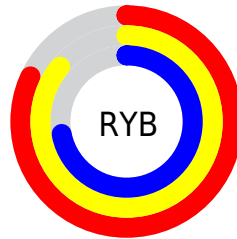
The Yxy color **61.7065, 0.3392, 0.3520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1706, 0.2876, 0.3049**, and the grayscale version is **61.9269, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **31.3439, 0.3461, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **56.5273, 0.3584, 0.3672**, and if you desaturate by 10%, it is **67.3029, 0.3220, 0.3374**.

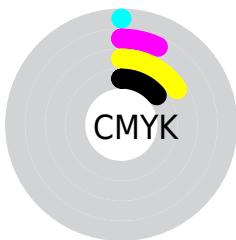
Distribution



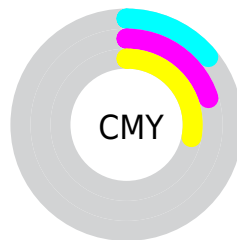
- Red (86%)
- Green (80%)
- Blue (72%)



- Red (82%)
- Yellow (86%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (16%)
- Black (14%)




- Cyan (14%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7065, 0.3392, 0.3520 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 61.7065, 0.3392, 0.3520 by changing the saturation by 10% instead.


 61.7065, 0.3392,
0.3520

 61.7065, 0.3392,
0.3520

430.8597, 0.3265,
0.3411

 44.7956, 0.3422,
0.3546


 107.3012, 0.3347,
0.3482

 31.2964, 0.3459,
0.3577

136.7538, 0.3330,
0.3467

 20.8247, 0.3508,
0.3618


171.1558, 0.3315,
0.3454

 12.9959, 0.3572,
0.3673

210.8915, 0.3303,
0.3443

 7.4257, 0.3663,
0.3748

256.3453, 0.3292,
0.3434

 3.7297, 0.3799,
0.3859

307.9017, 0.3282,

 1.5236, 0.4045,

0.3425

0.4061

365.9450, 0.3273,
0.3418

0.3052, 0.5254,
0.4746

0.0000, 0.0000,
0.0000

61.7065, 0.3392,
0.3520

61.7065, 0.3392,
0.3520

56.5273, 0.3584,
0.3672

67.3029, 0.3220,
0.3374

51.7459, 0.3796,
0.3825

73.3191, 0.3068,
0.3236

47.3532, 0.4027,
0.3973

79.7679, 0.2934,
0.3107

43.3365, 0.4269,
0.4106

85.5417, 0.2907,
0.3152

■ 39.6822, 0.4515,
0.4213

■ 91.2675, 0.2910,
0.3249

■ 36.3754, 0.4752,
0.4281

■ 93.8024, 0.2912,
0.3289

■ 33.3996, 0.4967,
0.4300

■ 30.7353, 0.5148,
0.4265

■ 29.7405, 0.5214,
0.4242

Harmonies

Analogous

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



61.7065, 0.3429, 0.3421



61.7065, 0.3392, 0.3520



61.7065, 0.3283, 0.3559

Triad

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



61.7065, 0.3392, 0.3520



61.7065, 0.2877, 0.3280



61.7065, 0.3115, 0.3072

Complementary

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



61.7065, 0.3392, 0.3520



56.1706, 0.2876, 0.3049

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.



61.7065, 0.2969, 0.3032



61.7065, 0.3392, 0.3520



61.7065, 0.2834, 0.3148

Square

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



61.7065, 0.3392, 0.3520



61.7065, 0.2986, 0.3419



61.7065, 0.2867, 0.3059



61.7065, 0.3267, 0.3166

Rectangle

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



61.7065, 0.3392, 0.3520



61.7065, 0.3186, 0.3543



61.7065, 0.2867, 0.3059



61.7065, 0.3063, 0.3052

Sweetspot

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



61.7092, 0.3392, 0.3520



95.7649, 0.3205, 0.3360



53.4833, 0.3303, 0.3116



20.3729, 0.3217, 0.3370



0.0000, 0.0000, 0.0000



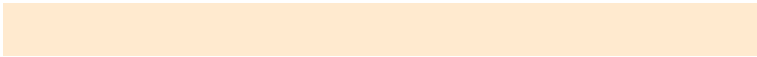
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7092, 0.3392, 0.3520



84.7093, 0.3451, 0.3568



68.8353, 0.3348, 0.3687



14.2794, 0.3277, 0.3423



17.8536, 0.5195, 0.4257



1.3265, 0.4988, 0.4422

Inverse Universe

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



56.1706, 0.2876, 0.3049



75.5441, 0.2824, 0.2995



49.8873, 0.2886, 0.2864



13.5313, 0.2982, 0.3153



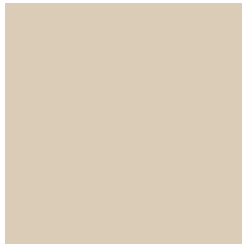
7.9838, 0.1711, 0.1358



0.6861, 0.1799, 0.1677

Previews

White Background



This preview shows how the Yxy color 61.7065, 0.3392, 0.3520 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 61.7065, 0.3392, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

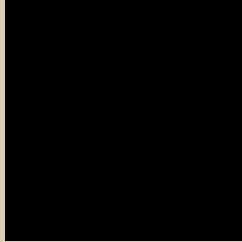
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

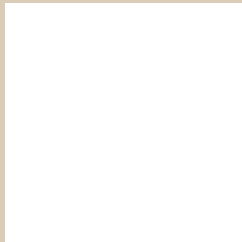
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7065, 0.3392, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 61.7065, 0.3392, 0.3520.

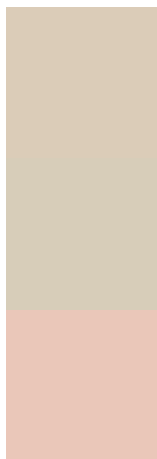


This preview shows how white text looks on a background with the Yxy color 61.7065, 0.3392, 0.3520.

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

61.7065, 0.3392, 0.3520

Protanopia

61.6125, 0.3351, 0.3522

Deuteranopia

61.8421, 0.3517, 0.3446



Tritanopia

61.4411, 0.3198, 0.3113

Trichromacy



Original Color

61.7065, 0.3392, 0.3520

Protanomaly

61.7644, 0.3359, 0.3522

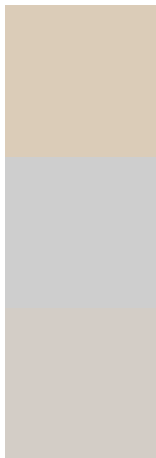
Deuteranomaly

61.9341, 0.3471, 0.3470

Tritanomaly

61.6625, 0.3270, 0.3257

Monochromacy



Original Color

61.7065, 0.3392, 0.3520

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5887, 0.3223, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7065, 0.3392, 0.3520 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, 204, 184)` looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 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(219, 204, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 184) }
```

Border

The CSS property to change the border of an element to Yxy 61.7065, 0.3392, 0.3520 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, 204, 184) }
```

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

```
.border{ border-color:rgb(219, 204, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 184);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7065, 0.3392, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 184) }
```

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

```
.background{ background-color: rgb(219,  
204, 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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