

Converting Colors

$Yxy(71.9995, 0.3222, 0.3444)$

Have a look what the booklet for
Yxy(71.9995, 0.3222, 0.3444)
contains.

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Color

Yxy(72.3262, 0.3220, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	DEDED0
RGB	222, 222, 208
RGB Percent	87%, 87%, 82%
CMY	0.1295, 0.1293, 0.1844
CMYK	0.00, 0.00, 0.06, 0.13
HSL	60°, 18%, 84%
HSV	60°, 6%, 87%
XYZ	67.6221, 72.3262, 70.0581
YIQ	220.4040, 4.4940, -4.3540

Conversions

Conversions Part 2

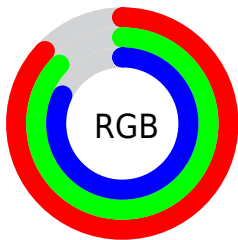
Format	Color
R _Y B	208, 222, 208
Decimal	14606032
CIE Lab	88.13, -2.45, 6.86
CIE LCh	88, 7.290, 109.677
Yxy	72.3262, 0.3220, 0.3444
Android (android.graphics.Color)	4292796112 (0xFFDEDED0)
YUV	220.4040, -6.1152, 1.3997
Hunter-Lab	85.0448, -6.8969, 10.6895

Details

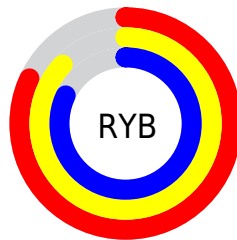
The Yxy color **72.3262, 0.3220, 0.3444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7914, 0.3031, 0.3131**, and the grayscale version is **71.9067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.1860, 0.3240, 0.3476** is the 20% darker color. If you saturate the color by 10%, you get **71.3010, 0.3370, 0.3694**, and if you desaturate by 10%, it is **73.5106, 0.3074, 0.3202**.

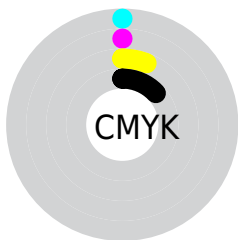
Distribution



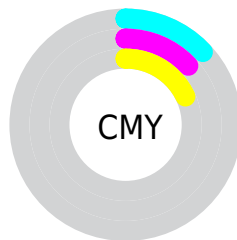
- Red (87%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3262, 0.3220, 0.3444 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 72.3262, 0.3220, 0.3444 by changing the saturation by 10% instead.

■ 72.3262, 0.3220,
0.3444

■ 72.3262, 0.3220,
0.3444

468.6762, 0.3177,
0.3372

■ 53.4252, 0.3230,
0.3461

122.5202, 0.3205,
0.3419

■ 38.1423, 0.3242,
0.3481

154.5820, 0.3199,
0.3409

■ 26.0932, 0.3257,
0.3507

191.7994, 0.3194,
0.3401

■ 16.8933, 0.3277,
0.3541

234.5570, 0.3190,
0.3394

■ 10.1585, 0.3304,
0.3589

283.2391, 0.3186,
0.3387

■ 5.5042, 0.3344,
0.3658

338.2300, 0.3183,

■ 2.5460, 0.3405,

0.3382

0.3768

399.9143, 0.3180,
0.3377

0.8996, 0.3624,
0.4100

0.0000, 0.0000,
0.0000

72.3262, 0.3220,
0.3444

72.3262, 0.3220,
0.3444

71.3010, 0.3370,
0.3694

73.5106, 0.3074,
0.3202

70.4193, 0.3522,
0.3945


74.8509, 0.2936,
0.2973


69.6776, 0.3670,
0.4191


75.0291, 0.2921,
0.2947


69.0684, 0.3807,
0.4420


75.0401, 0.2921,
0.2948

 68.5839, 0.3929,
0.4623

 75.0511, 0.2922,
0.2948


 68.2152, 0.4031,
0.4792

 75.0622, 0.2922,
0.2948

 67.9525, 0.4107,
0.4920

 75.0732, 0.2923,
0.2948

 67.7841, 0.4157,
0.5004

 75.0842, 0.2923,
0.2948

 67.6954, 0.4182,
0.5047

 75.0952, 0.2924,
0.2948

Harmonies

Analogous

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



72.3262, 0.3281, 0.3422



72.3262, 0.3220, 0.3444



72.3262, 0.3135, 0.3424

Triad

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



72.3262, 0.3220, 0.3444



72.3262, 0.2957, 0.3211



72.3262, 0.3206, 0.3216

Complementary

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



72.3262, 0.3220, 0.3444



63.7914, 0.3031, 0.3131

Split Complementary

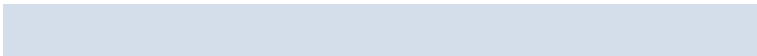
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3262, 0.3118, 0.3161



72.3262, 0.3220, 0.3444



72.3262, 0.2975, 0.3158

Square

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



72.3262, 0.3220, 0.3444



72.3262, 0.2984, 0.3288



72.3262, 0.3034, 0.3140



72.3262, 0.3273, 0.3290

Rectangle

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



72.3262, 0.3220, 0.3444



72.3262, 0.3076, 0.3389



72.3262, 0.3034, 0.3140



72.3262, 0.3177, 0.3195

Sweetspot

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



72.3293, 0.3220, 0.3444



99.6728, 0.3156, 0.3339



65.1883, 0.3234, 0.3290



21.3375, 0.3155, 0.3336



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.



72.3293, 0.3220, 0.3444



98.7429, 0.3246, 0.3487



71.2511, 0.3170, 0.3446



16.0273, 0.3267, 0.3522



40.1912, 0.4188, 0.5057



2.7866, 0.4189, 0.5056

Inverse Universe

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



63.7914, 0.3031, 0.3131



84.0129, 0.3004, 0.3085



64.8247, 0.3082, 0.3134



13.2454, 0.2981, 0.3048



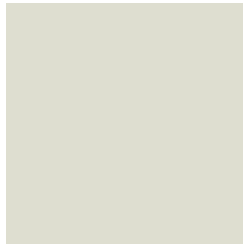
3.1362, 0.1501, 0.0601



0.2181, 0.1504, 0.0602

Previews

White Background



This preview shows how the Yxy color 72.3262, 0.3220, 0.3444 looks on a white background.

Color Contrast Check

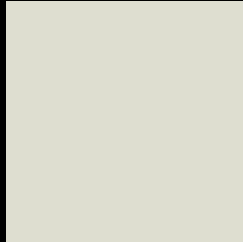
Large Text (above 18pt) WCAG AA × Fail

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 72.3262, 0.3220, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

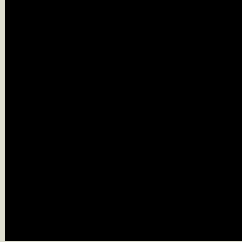
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

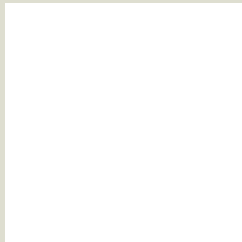
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3262, 0.3220, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 72.3262, 0.3220, 0.3444.



This preview shows how white text looks on a background with the Yxy color 72.3262, 0.3220, 0.3444.

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

72.3262, 0.3220, 0.3444

Protanopia

72.1854, 0.3273, 0.3431

Deuteranopia

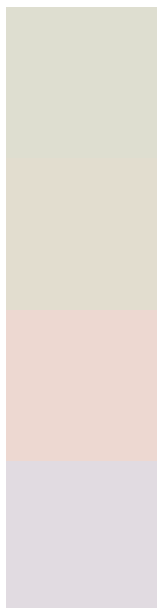
71.8345, 0.3396, 0.3322



Tritanopia

72.3097, 0.3072, 0.3110

Trichromacy



Original Color

72.3262, 0.3220, 0.3444

Protanomaly

72.3866, 0.3257, 0.3443

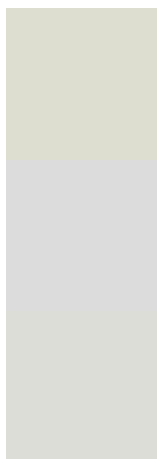
Deuteranomaly

71.7197, 0.3331, 0.3365

Tritanomaly

72.1068, 0.3130, 0.3226

Monochromacy



Original Color

72.3262, 0.3220, 0.3444

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.0429, 0.3160, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3262, 0.3220, 0.3444 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(222, 222, 208)` looks like.

```
.text, #text, p{  
    color:rgb(222, 222, 208)  
}
```

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(222, 222, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 222, 208) }
```

Border

The CSS property to change the border of an element to Yxy 72.3262, 0.3220, 0.3444 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(222, 222, 208) }
```

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

```
.border{ border-color:rgb(222, 222, 208) }
```

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

Here you see how a box with a 4 pixel rgb(222, 222, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 222, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 222, 208);  
box-shadow:4px 4px 4px 4px rgb(222, 222,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3262, 0.3220, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 222, 208) }
```

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

```
.background{ background-color: rgb(222,  
222, 208) }
```

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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