

Converting Colors

Yxy(71.6520, 0.3261, 0.3329)

Have a look what the booklet for
Yxy(71.6520, 0.3261, 0.3329)
contains.

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Color

Yxy(71.5856, 0.3264, 0.3333)

Conversions

Conversions Part 1

Format	Color
Hex	E8D9D5
RGB	232, 217, 213
RGB Percent	91%, 85%, 84%
CMY	0.0902, 0.1490, 0.1646
CMYK	0.00, 0.06, 0.08, 0.09
HSL	13°, 29%, 87%
HSV	13°, 8%, 91%
XYZ	70.1036, 71.5856, 73.0890
YIQ	221.0290, 10.2240, 1.9360

Conversions

Conversions Part 2

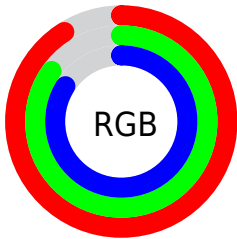
Format	Color
R _Y B	232, 218, 213
Decimal	15260117
CIE Lab	87.77, 4.48, 3.79
CIE LCh	88, 5.869, 40.286
Yxy	71.5856, 0.3264, 0.3333
Android (android.graphics.Color)	4293450197 (0xFFE8D9D5)
YUV	221.0290, -3.9583, 9.6216
Hunter-Lab	84.6083, -0.1653, 8.0080

Details

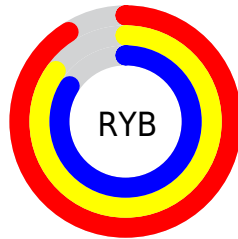
The Yxy color **71.5856, 0.3264, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.4738, 0.3001, 0.3247**, and the grayscale version is **72.3533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5394, 0.3298, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **61.5605, 0.3463, 0.3389**, and if you desaturate by 10%, it is **82.8357, 0.3099, 0.3281**.

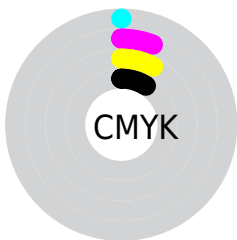
Distribution



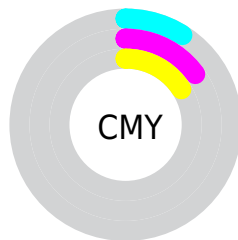
- Red (91%)
- Green (85%)
- Blue (84%)



- Red (91%)
- Yellow (85%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5856, 0.3264, 0.3333 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 71.5856, 0.3264, 0.3333 by changing the saturation by 10% instead.

71.5856, 0.3264,
0.3333

71.5856, 0.3264,
0.3333

466.0979, 0.3200,
0.3313

52.8202, 0.3279,
0.3337

121.4672, 0.3242,
0.3326

37.6593, 0.3297,
0.3343

153.3522, 0.3233,
0.3324

25.7184, 0.3320,
0.3350

190.3792, 0.3226,
0.3321

16.6131, 0.3351,
0.3358

232.9326, 0.3219,
0.3319

9.9590, 0.3393,
0.3370

281.3967, 0.3214,
0.3318

5.3718, 0.3454,
0.3387

336.1561, 0.3209,

2.4670, 0.3552,

0.3316

0.3413

397.5950, 0.3204,
0.3315

0.8600, 0.3778,
0.3495

0.0000, 0.0000,
0.0000

71.5856, 0.3264,
0.3333

71.5856, 0.3264,
0.3333

61.5605, 0.3463,
0.3389

82.8357, 0.3099,
0.3281

52.7095, 0.3703,
0.3448

95.0522, 0.2987,
0.3276

44.9922, 0.3989,
0.3506

95.8956, 0.2987,
0.3290

38.3623, 0.4325,
0.3560

■ 32.7701, 0.4706,
0.3602

■ 28.1621, 0.5117,
0.3624

■ 24.4797, 0.5523,
0.3614

■ 21.6579, 0.5879,
0.3567

■ 19.6200, 0.6140,
0.3489

Harmonies

Analogous

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



71.5856, 0.3231, 0.3271



71.5856, 0.3264, 0.3333



71.5856, 0.3260, 0.3385

Triad

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



71.5856, 0.3264, 0.3333



71.5856, 0.3084, 0.3368



71.5856, 0.3034, 0.3170

Complementary

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



71.5856, 0.3264, 0.3333



75.4738, 0.3001, 0.3247

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.



71.5856, 0.2996, 0.3194



71.5856, 0.3264, 0.3333



71.5856, 0.3025, 0.3309

Square

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



71.5856, 0.3264, 0.3333



71.5856, 0.3156, 0.3406



71.5856, 0.2992, 0.3245



71.5856, 0.3097, 0.3177

Rectangle

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



71.5856, 0.3264, 0.3333



71.5856, 0.3237, 0.3407



71.5856, 0.2992, 0.3245



71.5856, 0.3018, 0.3174

Sweetspot

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



71.5887, 0.3264, 0.3333



97.1312, 0.3159, 0.3300



70.3695, 0.3162, 0.3129



20.8202, 0.3157, 0.3300



0.0000, 0.0000, 0.0000



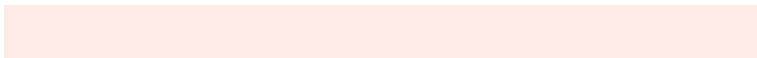
21.4041, 0.3127, 0.3290

Same Dimension

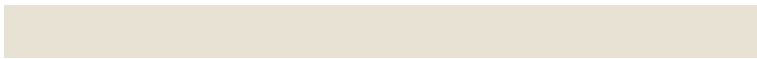
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5887, 0.3264, 0.3333



86.2745, 0.3298, 0.3343



76.5206, 0.3254, 0.3431



14.8552, 0.3287, 0.3340



10.8744, 0.6155, 0.3495



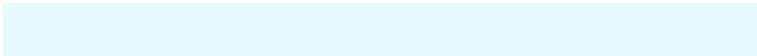
0.9362, 0.5878, 0.3715

Inverse Universe

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



75.4738, 0.3001, 0.3247



92.1159, 0.2972, 0.3236



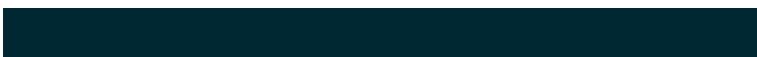
70.4916, 0.3001, 0.3145



15.7962, 0.2981, 0.3240



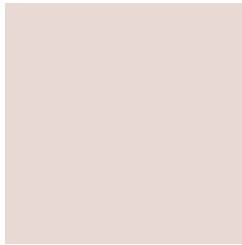
22.3043, 0.2056, 0.2603



1.7773, 0.2087, 0.2715

Previews

White Background



This preview shows how the Yxy color 71.5856, 0.3264, 0.3333 looks on a white background.

Color Contrast Check

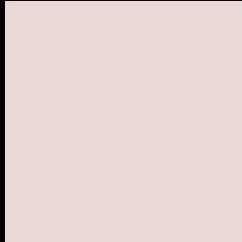
Large Text (above 18pt) WCAG AA × Fail

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 71.5856, 0.3264, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

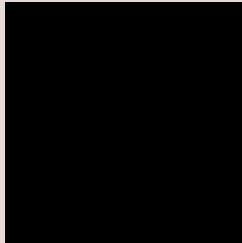
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

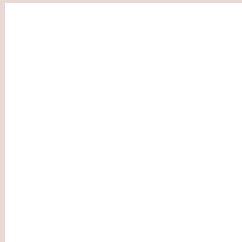
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.5856, 0.3264, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 71.5856, 0.3264, 0.3333.

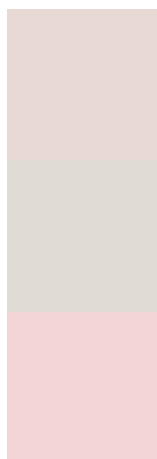


This preview shows how white text looks on a background with the Yxy color 71.5856, 0.3264, 0.3333.

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

71.5856, 0.3264, 0.3333

Protanopia

71.5256, 0.3204, 0.3345

Deuteranopia

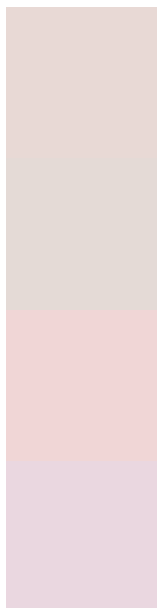
71.6766, 0.3352, 0.3280



Tritanopia

71.5248, 0.3165, 0.3112

Trichromacy



Original Color

71.5856, 0.3264, 0.3333

Protanomaly

71.4918, 0.3227, 0.3333

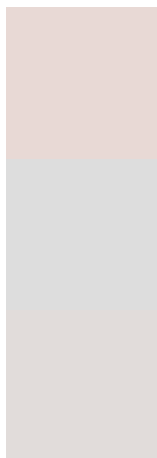
Deuteranomaly

71.4734, 0.3320, 0.3291

Tritanomaly

71.4751, 0.3205, 0.3195

Monochromacy



Original Color

71.5856, 0.3264, 0.3333

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2559, 0.3176, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5856, 0.3264, 0.3333 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(232, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 213)  
}
```

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(232, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 213) }
```

Border

The CSS property to change the border of an element to Yxy 71.5856, 0.3264, 0.3333 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(232, 217, 213) }
```

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

```
.border{ border-color:rgb(232, 217, 213) }
```

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

Here you see how a box with a 4 pixel rgb(232, 217, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5856, 0.3264, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 213) }
```

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

```
.background{ background-color: rgb(232,  
217, 213) }
```

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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