

Converting Colors

$Yxy(74.6112, 0.3229, 0.3410)$

Have a look what the booklet for
Yxy(74.6112, 0.3229, 0.3410)
contains.

Yxy(74.6094, 0.3228, 0.3408)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.6094, 0.3228, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	E4E0D5
RGB	228, 224, 213
RGB Percent	89%, 88%, 84%
CMY	0.1058, 0.1216, 0.1646
CMYK	0.00, 0.02, 0.07, 0.11
HSL	44°, 22%, 86%
HSV	44°, 7%, 89%
XYZ	70.6688, 74.6094, 73.6461
YIQ	223.9420, 5.9150, -2.5730

Conversions

Conversions Part 2

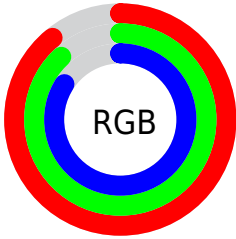
Format	Color
R _Y B	218, 228, 213
Decimal	14999765
CIE Lab	89.21, -0.52, 5.84
CIE LCh	89, 5.859, 95.125
Yxy	74.6094, 0.3228, 0.3408
Android (android.graphics.Color)	4293189845 (0xFFE4E0D5)
YUV	223.9420, -5.3944, 3.5589
Hunter-Lab	86.3767, -5.1203, 9.9121

Details

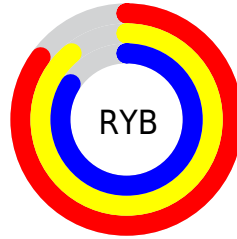
The Yxy color **74.6094, 0.3228, 0.3408** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4081, 0.3026, 0.3169**, and the grayscale version is **74.5389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7288, 0.3259, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **70.3022, 0.3393, 0.3595**, and if you desaturate by 10%, it is **79.2045, 0.3077, 0.3230**.

Distribution



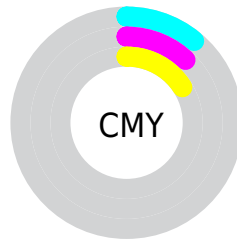
- Red (89%)
- Green (88%)
- Blue (84%)



- Red (85%)
- Yellow (89%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (11%)




- Cyan (11%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6094, 0.3228, 0.3408 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 74.6094, 0.3228, 0.3408 by changing the saturation by 10% instead.


 74.6094, 0.3228,
0.3408

 74.6094, 0.3228,
0.3408


476.5740, 0.3182,
0.3354

 55.2930, 0.3239,
0.3420


125.7593, 0.3212,
0.3389

 39.6363, 0.3252,
0.3436


158.3615, 0.3206,
0.3382

 27.2551, 0.3268,
0.3455


196.1612, 0.3200,
0.3375

 17.7649, 0.3290,
0.3481

239.5426, 0.3196,
0.3370

 10.7813, 0.3319,
0.3515

288.8902, 0.3191,
0.3365

 5.9200, 0.3361,
0.3565

344.5883, 0.3188,

 2.7965, 0.3427,

0.3361

407.0215, 0.3184,
0.3357

0.3643

1.0264, 0.3574,
0.3816

0.0000, 0.0000,
0.0000

74.6094, 0.3228,
0.3408

74.6094, 0.3228,
0.3408

70.3022, 0.3393,
0.3595

79.2045, 0.3077,
0.3230

66.2650, 0.3571,
0.3786

83.8490, 0.2961,
0.3099

62.4928, 0.3759,
0.3977

87.4408, 0.2962,
0.3162

58.9765, 0.3952,
0.4159

91.1548, 0.2963,
0.3224

■ 55.7062, 0.4145,
0.4323

■ 94.9921, 0.2964,
0.3286

■ 52.6712, 0.4328,
0.4458

■ 95.2377, 0.2964,
0.3290

■ 49.8595, 0.4493,
0.4553

■ 47.2572, 0.4632,
0.4601

■ 44.8473, 0.4739,
0.4600

Harmonies

Analogous

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



74.6094, 0.3262, 0.3376



74.6094, 0.3228, 0.3408



74.6094, 0.3168, 0.3408

Triad

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



74.6094, 0.3228, 0.3408



74.6094, 0.2998, 0.3256



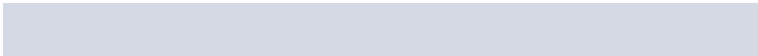
74.6094, 0.3157, 0.3207

Complementary

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



74.6094, 0.3228, 0.3408



69.4081, 0.3026, 0.3169

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.



74.6094, 0.3086, 0.3175



74.6094, 0.3228, 0.3408



74.6094, 0.2995, 0.3203

Square

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



74.6094, 0.3228, 0.3408



74.6094, 0.3035, 0.3319



74.6094, 0.3027, 0.3173



74.6094, 0.3220, 0.3260

Rectangle

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



74.6094, 0.3228, 0.3408



74.6094, 0.3120, 0.3390



74.6094, 0.3027, 0.3173



74.6094, 0.3133, 0.3194

Sweetspot

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



74.6126, 0.3228, 0.3408



98.8051, 0.3157, 0.3326



69.1256, 0.3209, 0.3244



21.1610, 0.3156, 0.3324



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.



74.6126, 0.3228, 0.3408



95.3092, 0.3251, 0.3435



76.2762, 0.3201, 0.3452



16.1280, 0.3274, 0.3461



25.6397, 0.4762, 0.4601



2.0459, 0.4660, 0.4682

Inverse Universe

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



69.4081, 0.3026, 0.3169



87.1806, 0.3003, 0.3141



67.8477, 0.3050, 0.3125



14.5136, 0.2981, 0.3113



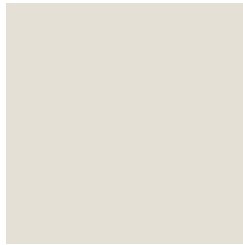
5.3432, 0.1592, 0.0931



0.5450, 0.1670, 0.1213

Previews

White Background



This preview shows how the Yxy color 74.6094, 0.3228, 0.3408 looks on a white background.

Color Contrast Check

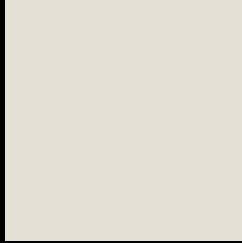
Large Text (above 18pt) WCAG AA × Fail

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 74.6094, 0.3228, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

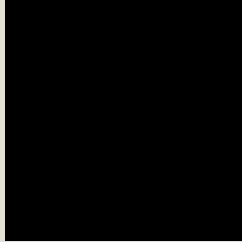
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

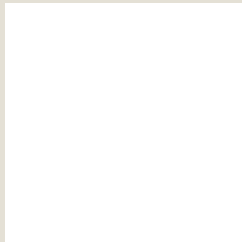
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6094, 0.3228, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 74.6094, 0.3228, 0.3408.

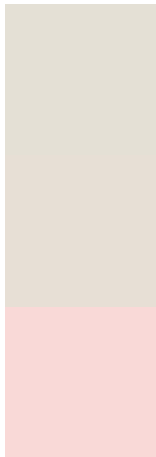


This preview shows how white text looks on a background with the Yxy color 74.6094, 0.3228, 0.3408.

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

74.6094, 0.3228, 0.3408

Protanopia

74.5684, 0.3251, 0.3397

Deuteranopia

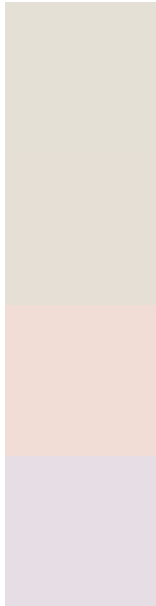
74.6717, 0.3377, 0.3311



Tritanopia

74.5153, 0.3094, 0.3103

Trichromacy



Original Color

74.6094, 0.3228, 0.3408

Protanomaly

74.4024, 0.3243, 0.3397

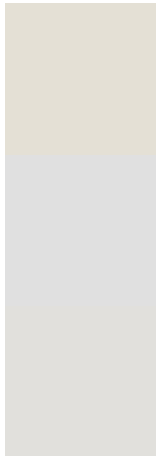
Deuteranomaly

74.7422, 0.3320, 0.3353

Tritanomaly

74.3590, 0.3145, 0.3206

Monochromacy



Original Color

74.6094, 0.3228, 0.3408

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4862, 0.3160, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6094, 0.3228, 0.3408 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(228, 224, 213)` looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 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(228, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 213) }
```

Border

The CSS property to change the border of an element to Yxy 74.6094, 0.3228, 0.3408 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(228, 224, 213) }
```

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

```
.border{ border-color:rgb(228, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6094, 0.3228, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 213) }
```

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

```
.background{ background-color: rgb(228,  
224, 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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