

Converting Colors

$Yxy(76.7084, 0.3251, 0.3325)$

Have a look what the booklet for
Yxy(76.7084, 0.3251, 0.3325)
contains.

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Color

Yxy(76.7089, 0.3246, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	EEE0DD
RGB	238, 224, 221
RGB Percent	93%, 88%, 87%
CMY	0.0668, 0.1215, 0.1334
CMYK	0.00, 0.06, 0.07, 0.07
HSL	11°, 33%, 90%
HSV	11°, 7%, 93%
XYZ	74.9540, 76.7089, 79.2489
YIQ	227.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

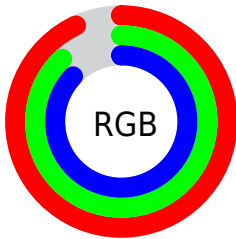
Format	Color
R _Y B	238, 225, 221
Decimal	15655133
CIE Lab	90.19, 4.24, 3.18
CIE LCh	90, 5.298, 36.858
Yxy	76.7089, 0.3246, 0.3322
Android (android.graphics.Color)	4293845213 (0xFFEEE0DD)
YUV	227.8440, -3.3741, 8.9068
Hunter-Lab	87.5836, -0.5112, 7.6607

Details

The Yxy color **76.7089, 0.3246, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.9105, 0.3017, 0.3258**, and the grayscale version is **77.4808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0742, 0.3273, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **65.6266, 0.3443, 0.3370**, and if you desaturate by 10%, it is **89.1842, 0.3084, 0.3278**.

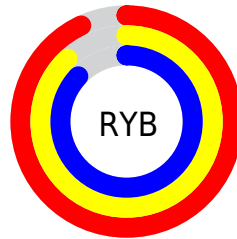
Distribution



Red (93%)

Green (88%)

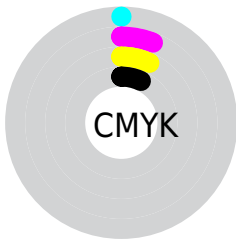
Blue (87%)



Red (93%)

Yellow (88%)

Blue (87%)

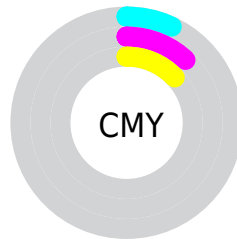


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (7%)



Cyan (7%)


Magenta (12%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7089, 0.3246, 0.3322 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 76.7089, 0.3246, 0.3322 by changing the saturation by 10% instead.


 76.7089, 0.3246,
0.3322

 76.7089, 0.3246,
0.3322


483.7709, 0.3191,
0.3308

 57.0140, 0.3258,
0.3325


128.7285, 0.3227,
0.3317

 41.0165, 0.3274,
0.3329


161.8219, 0.3220,
0.3315

 28.3320, 0.3293,
0.3334


200.1504, 0.3213,
0.3314

 18.5760, 0.3318,
0.3340

244.0982, 0.3208,
0.3312

 11.3643, 0.3353,
0.3348

294.0497, 0.3203,
0.3311

 6.3125, 0.3402,
0.3360

350.3895, 0.3199,

 3.0360, 0.3479,

0.3310

0.3377

413.5017, 0.3195,
0.3309

■ 1.1506, 0.3615,
0.3406

■ 0.0208, 0.8558,
0.1442

■ 76.7089, 0.3246,
0.3322

■ 76.7089, 0.3246,
0.3322

■ 65.6266, 0.3443,
0.3370

■ 89.1842, 0.3084,
0.3278

■ 55.8791, 0.3682,
0.3420

■ 96.9099, 0.3023,
0.3290

■ 47.4187, 0.3970,
0.3470

■ 40.1912, 0.4310,
0.3517

■ 34.1386, 0.4700,
0.3554

■ 29.1980, 0.5122,
0.3572

■ 25.3004, 0.5542,
0.3563

■ 22.3690, 0.5910,
0.3522

■ 20.3151, 0.6175,
0.3451

Harmonies

Analogous

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



76.7089, 0.3213, 0.3267



76.7089, 0.3246, 0.3322



76.7089, 0.3247, 0.3370

Triad

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



76.7089, 0.3246, 0.3322



76.7089, 0.3096, 0.3364



76.7089, 0.3040, 0.3185

Complementary

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



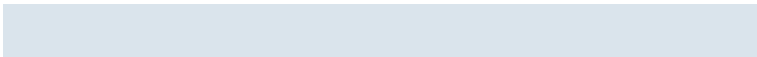
76.7089, 0.3246, 0.3322



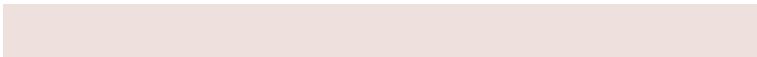
80.9105, 0.3017, 0.3258

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.



76.7089, 0.3009, 0.3210



76.7089, 0.3246, 0.3322



76.7089, 0.3042, 0.3313

Square

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



76.7089, 0.3246, 0.3322



76.7089, 0.3160, 0.3395



76.7089, 0.3010, 0.3256



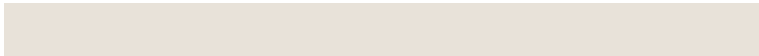
76.7089, 0.3094, 0.3188

Rectangle

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



76.7089, 0.3246, 0.3322



76.7089, 0.3229, 0.3390



76.7089, 0.3010, 0.3256



76.7089, 0.3026, 0.3190

Sweetspot

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



76.7123, 0.3246, 0.3322



97.0334, 0.3159, 0.3299



75.8791, 0.3154, 0.3144



20.8003, 0.3157, 0.3298



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

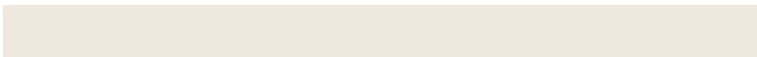
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.7123, 0.3246, 0.3322



87.1713, 0.3281, 0.3331



81.2716, 0.3238, 0.3407



16.2163, 0.3289, 0.3333



11.2214, 0.6213, 0.3449



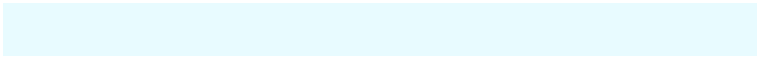
1.0617, 0.5978, 0.3636

Inverse Universe

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



80.9105, 0.3017, 0.3258



93.3107, 0.2988, 0.3249



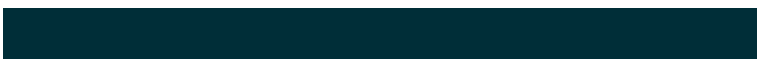
76.2820, 0.3017, 0.3170



17.4195, 0.2981, 0.3247



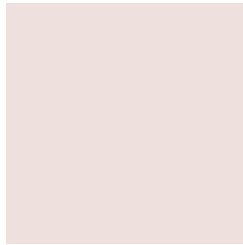
25.4909, 0.2086, 0.2708



2.2449, 0.2109, 0.2793

Previews

White Background



This preview shows how the Yxy color 76.7089, 0.3246, 0.3322 looks on a white background.

Color Contrast Check

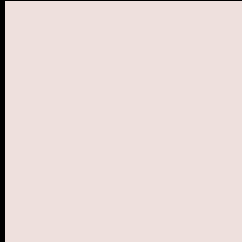
Large Text (above 18pt) WCAG AA × Fail

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 76.7089, 0.3246, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

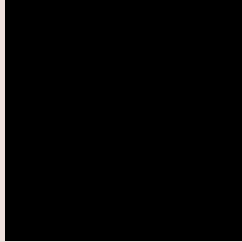
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

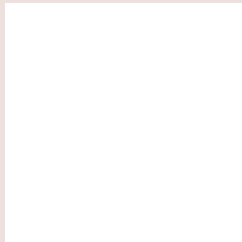
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.7089, 0.3246, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 76.7089, 0.3246, 0.3322.

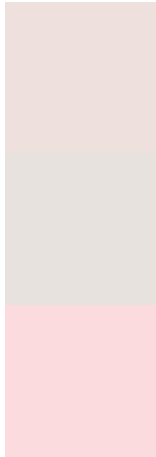


This preview shows how white text looks on a background with the Yxy color 76.7089, 0.3246, 0.3322.

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

76.7089, 0.3246, 0.3322

Protanopia

76.8224, 0.3195, 0.3332

Deuteranopia

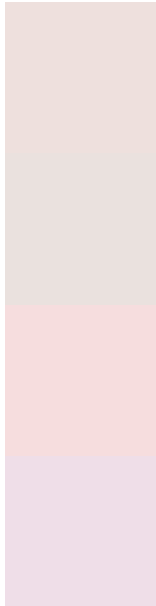
76.4462, 0.3339, 0.3260



Tritanopia

76.4702, 0.3143, 0.3106

Trichromacy



Original Color

76.7089, 0.3246, 0.3322

Protanomaly

76.6168, 0.3210, 0.3322

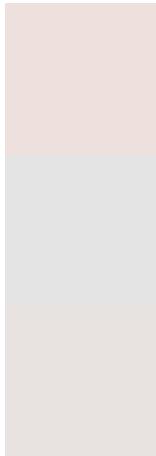
Deuteranomaly

76.5797, 0.3300, 0.3280

Tritanomaly

76.4195, 0.3181, 0.3187

Monochromacy



Original Color

76.7089, 0.3246, 0.3322

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.5302, 0.3175, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7089, 0.3246, 0.3322 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(238, 224, 221)` looks like.

```
.text, #text, p{  
    color:rgb(238, 224, 221)  
}
```

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(238, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 224, 221) }
```

Border

The CSS property to change the border of an element to Yxy 76.7089, 0.3246, 0.3322 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(238, 224, 221) }
```

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

```
.border{ border-color:rgb(238, 224, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 224, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(238, 224,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7089, 0.3246, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 224, 221) }
```

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

```
.background{ background-color: rgb(238,  
224, 221) }
```

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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