

Converting Colors

$Yxy(76.3034, 0.3228, 0.3317)$

Have a look what the booklet for
Yxy(76.3034, 0.3228, 0.3317)
contains.

Yxy(76.3646, 0.3232, 0.3322)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.3646, 0.3232, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	ECE0DD
RGB	236, 224, 221
RGB Percent	93%, 88%, 87%
CMY	0.0745, 0.1215, 0.1334
CMYK	0.00, 0.05, 0.06, 0.07
HSL	12°, 28%, 90%
HSV	12°, 6%, 93%
XYZ	74.2957, 76.3646, 79.2151
YIQ	227.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

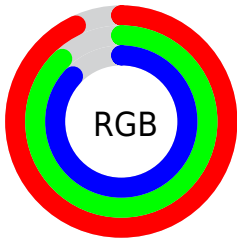
Format	Color
R _Y B	236, 225, 221
Decimal	15524061
CIE Lab	90.03, 3.57, 2.93
CIE LCh	90, 4.617, 39.380
Yxy	76.3646, 0.3232, 0.3322
Android (android.graphics.Color)	4293714141 (0xFFECE0DD)
YUV	227.2460, -3.0793, 7.6773
Hunter-Lab	87.3868, -1.1674, 7.4252

Details

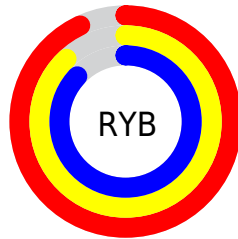
The Yxy color **76.3646, 0.3232, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.6850, 0.3029, 0.3258**, and the grayscale version is **77.0236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8324, 0.3254, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **65.6249, 0.3425, 0.3375**, and if you desaturate by 10%, it is **88.4098, 0.3073, 0.3272**.

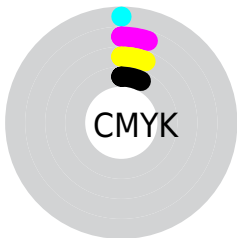
Distribution



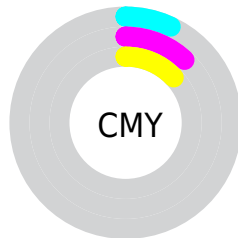
- Red (93%)
- Green (88%)
- Blue (87%)



- Red (93%)
- Yellow (88%)
- Blue (87%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3646, 0.3232, 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 76.3646, 0.3232, 0.3322 by changing the saturation by 10% instead.

76.3646, 0.3232,
0.3322

76.3646, 0.3232,
0.3322

482.5949, 0.3184,
0.3308

56.7315, 0.3243,
0.3325

128.2422, 0.3215,
0.3317

40.7897, 0.3256,
0.3329

161.2554, 0.3209,
0.3315

28.1548, 0.3274,
0.3334

199.4976, 0.3203,
0.3313

18.4424, 0.3296,
0.3340

243.3529, 0.3198,
0.3312

11.2681, 0.3326,
0.3349

293.2060, 0.3194,
0.3311

6.2474, 0.3370,
0.3361

349.4410, 0.3190,

2.9961, 0.3438,

0.3310

0.3379

412.4425, 0.3187,
0.3309

■ 1.1297, 0.3559,
0.3409

■ 0.0031, 0.9663,
0.0337

■ 76.3646, 0.3232,
0.3322

■ 76.3646, 0.3232,
0.3322

■ 65.6249, 0.3425,
0.3375

■ 88.4098, 0.3073,
0.3272

■ 56.1369, 0.3658,
0.3432

■ 96.5726, 0.3011,
0.3290

■ 47.8579, 0.3937,
0.3488

■ 40.7386, 0.4267,
0.3541

■ 34.7266, 0.4644,
0.3584

■ 29.7654, 0.5055,
0.3609

■ 25.7933, 0.5469,
0.3604

■ 22.7416, 0.5839,
0.3564

■ 20.5321, 0.6116,
0.3490

Harmonies

Analogous

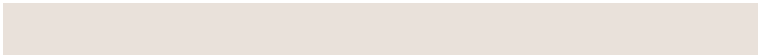
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3646, 0.3206, 0.3274



76.3646, 0.3232, 0.3322



76.3646, 0.3230, 0.3362

Triad

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



76.3646, 0.3232, 0.3322



76.3646, 0.3096, 0.3351



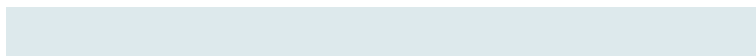
76.3646, 0.3054, 0.3198

Complementary

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



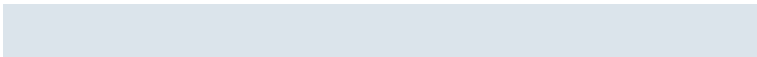
76.3646, 0.3232, 0.3322



79.6850, 0.3029, 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.



76.3646, 0.3025, 0.3217



76.3646, 0.3232, 0.3322



76.3646, 0.3049, 0.3306

Square

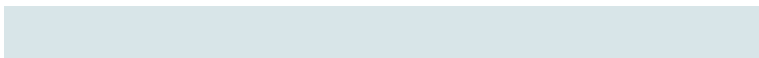
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3646, 0.3232, 0.3322



76.3646, 0.3151, 0.3380



76.3646, 0.3024, 0.3257



76.3646, 0.3103, 0.3202

Rectangle

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



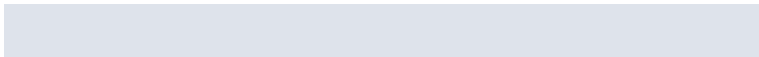
76.3646, 0.3232, 0.3322



76.3646, 0.3213, 0.3379



76.3646, 0.3024, 0.3257



76.3646, 0.3042, 0.3201

Sweetspot

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



76.3679, 0.3232, 0.3322



97.1057, 0.3159, 0.3300



75.4174, 0.3154, 0.3165



20.8150, 0.3157, 0.3299



0.0000, 0.0000, 0.0000



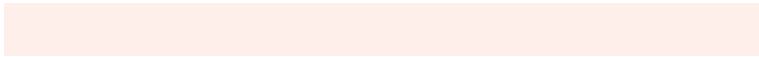
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3679, 0.3232, 0.3322



88.8013, 0.3262, 0.3331



80.4798, 0.3225, 0.3400



15.5461, 0.3288, 0.3338



11.1233, 0.6171, 0.3482



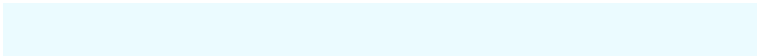
1.0067, 0.5913, 0.3687

Inverse Universe

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



79.6850, 0.3029, 0.3258



93.7367, 0.3003, 0.3249



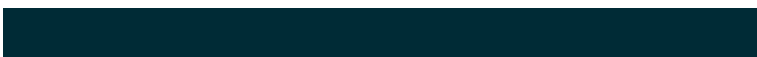
75.5379, 0.3030, 0.3178



16.5757, 0.2981, 0.3241



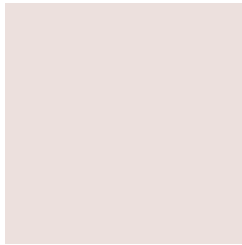
23.4457, 0.2064, 0.2630



1.9716, 0.2092, 0.2732

Previews

White Background



This preview shows how the Yxy color 76.3646, 0.3232, 0.3322 looks on a white background.

Color Contrast Check

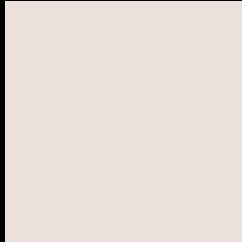
Large Text (above 18pt) WCAG AA × Fail

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 76.3646, 0.3232, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

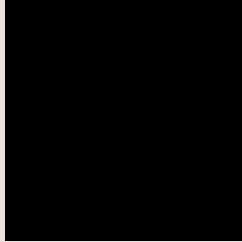
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

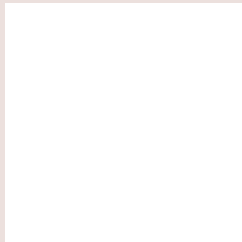
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3646, 0.3232, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 76.3646, 0.3232, 0.3322.

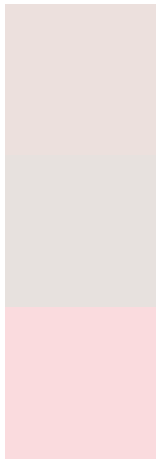


This preview shows how white text looks on a background with the Yxy color 76.3646, 0.3232, 0.3322.

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

76.3646, 0.3232, 0.3322

Protanopia

76.1133, 0.3189, 0.3322

Deuteranopia

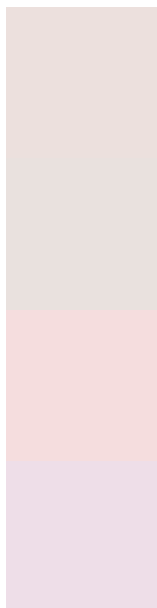
76.2610, 0.3332, 0.3260



Tritanopia

76.2956, 0.3136, 0.3106

Trichromacy



Original Color

76.3646, 0.3232, 0.3322

Protanomaly

76.4480, 0.3203, 0.3322

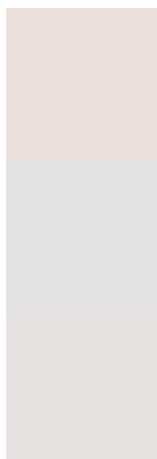
Deuteranomaly

76.3993, 0.3293, 0.3280

Tritanomaly

76.2459, 0.3174, 0.3187

Monochromacy



Original Color

76.3646, 0.3232, 0.3322

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6519, 0.3161, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3646, 0.3232, 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(236, 224, 221)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 224, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 221) }
```

Border

The CSS property to change the border of an element to Yxy 76.3646, 0.3232, 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(236, 224, 221) }
```

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

```
.border{ border-color:rgb(236, 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(236, 224, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 221);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3646, 0.3232, 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(236, 224, 221) }
```

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

```
.background{ background-color: rgb(236,  
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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