

Converting Colors

$Yxy(73.5209, 0.3024, 0.3365)$

Have a look what the booklet for
Yxy(73.5209, 0.3024, 0.3365)
contains.

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Color

Yxy(73.2804, 0.3022, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	CEE3DD
RGB	206, 227, 221
RGB Percent	81%, 89%, 87%
CMY	0.1919, 0.1098, 0.1332
CMYK	0.09, 0.00, 0.03, 0.11
HSL	163°, 27%, 85%
HSV	163°, 9%, 89%
XYZ	65.9873, 73.2804, 79.0887
YIQ	220.0370, -10.5900, -6.3180

Conversions

Conversions Part 2

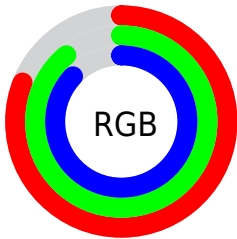
Format	Color
R _Y B	206, 218, 227
Decimal	13558749
CIE Lab	88.58, -8.05, 0.53
CIE LCh	89, 8.064, 176.233
Yxy	73.2804, 0.3022, 0.3356
Android (android.graphics.Color)	4291748829 (0xFFCEE3DD)
YUV	220.0370, 0.4748, -12.3104
Hunter-Lab	85.6040, -12.2113, 5.1453

Details

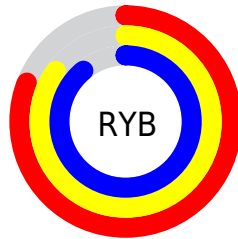
The Yxy color **73.2804, 0.3022, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2530, 0.3244, 0.3225**, and the grayscale version is **71.6080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9336, 0.3000, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **69.9266, 0.2912, 0.3435**, and if you desaturate by 10%, it is **77.1229, 0.3136, 0.3285**.

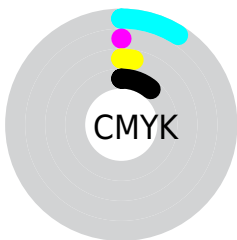
Distribution



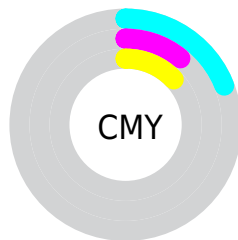
- Red (81%)
- Green (89%)
- Blue (87%)



- Red (81%)
- Yellow (85%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)





- Cyan (19%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.2804, 0.3022, 0.3356 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 73.2804, 0.3022, 0.3356 by changing the saturation by 10% instead.

 73.2804, 0.3022,
0.3356

 73.2804, 0.3022,
0.3356


471.9861, 0.3071,
0.3326

 54.2053, 0.3011,
0.3363

123.8752, 0.3039,
0.3345

 38.7658, 0.2997,
0.3372


156.1636, 0.3045,
0.3341

 26.5776, 0.2980,
0.3383


193.6253, 0.3051,
0.3338

 17.2562, 0.2957,
0.3397

236.6446, 0.3056,
0.3335

 10.4173, 0.2926,
0.3417

285.6060, 0.3060,
0.3332

 5.6765, 0.2880,
0.3445

340.8937, 0.3064,

 2.6494, 0.2809,

0.3330

402.8923, 0.3068,
0.3327

0.3491

0.9516, 0.2660,
0.3583

0.0000, 0.0000,
0.0000

73.2804, 0.3022,
0.3356

73.2804, 0.3022,
0.3356

69.9266, 0.2912,
0.3435

77.1229, 0.3136,
0.3285

67.0319, 0.2810,
0.3521

81.4638, 0.3252,
0.3221


64.5780, 0.2717,
0.3614


82.5087, 0.3234,
0.3158


62.5415, 0.2638,
0.3713


82.9010, 0.3192,
0.3096

 60.8967, 0.2575,
0.3817


 83.3071, 0.3150,
0.3034

 59.6152, 0.2531,
0.3924

 83.4120, 0.3140,
0.3019

 58.6648, 0.2506,
0.4033

 58.0070, 0.2502,
0.4141

 57.5809, 0.2514,
0.4248

Harmonies

Analogous

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



73.2804, 0.3114, 0.3427



73.2804, 0.3022, 0.3356



73.2804, 0.2959, 0.3268

Triad

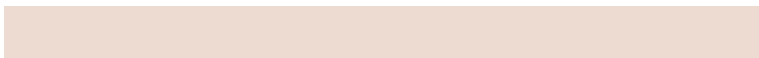
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.2804, 0.3022, 0.3356



73.2804, 0.3043, 0.3127



73.2804, 0.3318, 0.3389

Complementary

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



73.2804, 0.3022, 0.3356



65.2530, 0.3244, 0.3225

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.



73.2804, 0.3298, 0.3309



73.2804, 0.3022, 0.3356



73.2804, 0.3138, 0.3159

Square

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



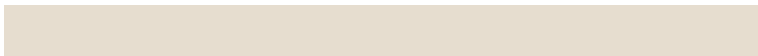
73.2804, 0.3022, 0.3356



73.2804, 0.2971, 0.3136



73.2804, 0.3232, 0.3225



73.2804, 0.3285, 0.3444

Rectangle

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



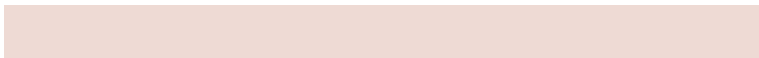
73.2804, 0.3022, 0.3356



73.2804, 0.2941, 0.3212



73.2804, 0.3232, 0.3225



73.2804, 0.3317, 0.3364

Sweetspot

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



73.2835, 0.3022, 0.3356



98.4382, 0.3092, 0.3311



73.4379, 0.3160, 0.3523



20.9826, 0.3083, 0.3317



0.0000, 0.0000, 0.0000



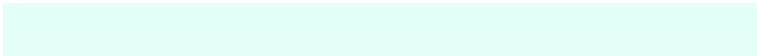
21.4041, 0.3127, 0.3290

Same Dimension

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



73.2835, 0.3022, 0.3356



94.5586, 0.3001, 0.3370



71.3449, 0.2985, 0.3243



16.2627, 0.3019, 0.3358



33.5891, 0.2511, 0.4240



2.4979, 0.2468, 0.4084

Inverse Universe

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



65.2530, 0.3244, 0.3225



82.1657, 0.3271, 0.3211



67.0009, 0.3283, 0.3336



14.4352, 0.3248, 0.3223



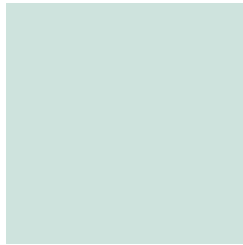
9.7621, 0.5809, 0.2974



0.7370, 0.5392, 0.2744

Previews

White Background



This preview shows how the Yxy color 73.2804, 0.3022, 0.3356 looks on a white background.

Color Contrast Check

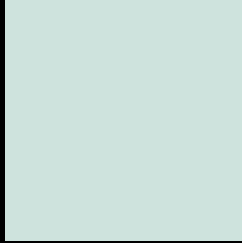
Large Text (above 18pt) WCAG AA × Fail

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 73.2804, 0.3022, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

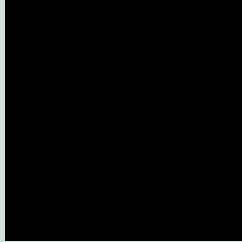
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

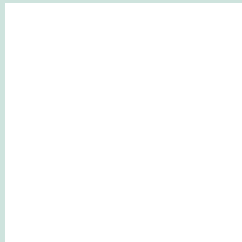
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.2804, 0.3022, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 73.2804, 0.3022, 0.3356.

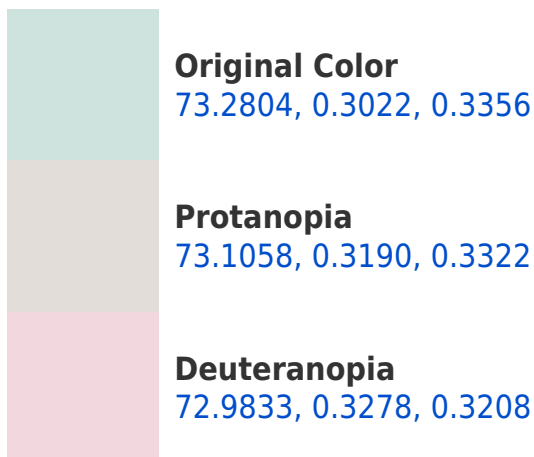


This preview shows how white text looks on a background with the Yxy color 73.2804, 0.3022, 0.3356.

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





Tritanopia

73.4238, 0.2920, 0.3095

Trichromacy



Original Color

73.2804, 0.3022, 0.3356

Protanomaly

72.9499, 0.3125, 0.3334

Deuteranomaly

72.7600, 0.3186, 0.3258

Tritanomaly

73.3463, 0.2962, 0.3191

Monochromacy



Original Color

73.2804, 0.3022, 0.3356

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.3897, 0.3091, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2804, 0.3022, 0.3356 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(206, 227, 221)` looks like.

```
.text, #text, p{  
    color:rgb(206, 227, 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(206, 227, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 227, 221) }
```

Border

The CSS property to change the border of an element to Yxy 73.2804, 0.3022, 0.3356 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(206, 227, 221) }
```

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

```
.border{ border-color:rgb(206, 227, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 227, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 227, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 227, 221);  
box-shadow:4px 4px 4px 4px rgb(206, 227,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2804, 0.3022, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 227, 221) }
```

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

```
.background{ background-color: rgb(206,  
227, 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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