

Converting Colors

$Y_{xy}(72.4712, 0.2954, 0.3256)$

Have a look what the booklet for
Yxy(72.4712, 0.2954, 0.3256)
contains.

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Color

Yxy(72.7464, 0.2953, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	CBE2E5
RGB	203, 226, 229
RGB Percent	80%, 89%, 90%
CMY	0.2038, 0.1137, 0.1019
CMYK	0.11, 0.01, 0.00, 0.10
HSL	187°, 33%, 85%
HSV	187°, 11%, 90%
XYZ	65.9767, 72.7464, 84.6995
YIQ	219.4650, -14.6710, -3.9430

Conversions

Conversions Part 2

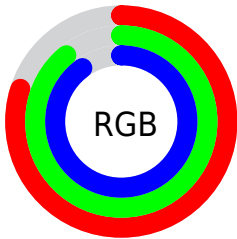
Format	Color
R_{YB}	203, 215, 229
Decimal	13361893
CIE _{Lab}	88.33, -6.97, -4.06
CIE _{LCh}	88, 8.070, 210.237
Yxy	72.7464, 0.2953, 0.3256
Android (android.graphics.Color)	4291551973 (0xFFCBE2E5)
YUV	219.4650, 4.7008, -14.4398
Hunter-Lab	85.2915, -11.1826, 0.8256

Details

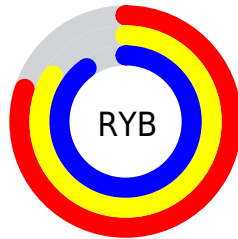
The Yxy color **72.7464, 0.2953, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1438, 0.3326, 0.3324**, and the grayscale version is **71.1589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5714, 0.2911, 0.3246** is the 20% darker color. If you saturate the color by 10%, you get **68.3318, 0.2805, 0.3223**, and if you desaturate by 10%, it is **77.6645, 0.3106, 0.3286**.

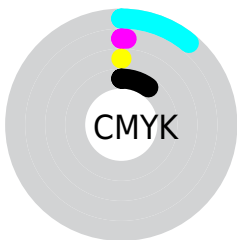
Distribution



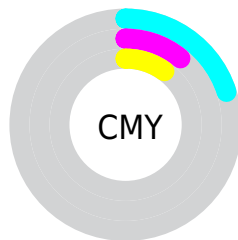
- Red (80%)
- Green (89%)
- Blue (90%)



- Red (80%)
- Yellow (84%)
- Blue (90%)



- Cyan (11%)
- Magenta (1%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (11%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.7464, 0.2953, 0.3256 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 72.7464, 0.2953, 0.3256 by changing the saturation by 10% instead.

■ 72.7464, 0.2953,
0.3256

■ 72.7464, 0.2953,
0.3256

470.1354, 0.3033,
0.3272

■ 53.7686, 0.2935,
0.3252

123.1171, 0.2981,
0.3262

■ 38.4167, 0.2912,
0.3247

155.2789, 0.2992,
0.3264

■ 26.3063, 0.2884,
0.3241

192.6040, 0.3001,
0.3266

■ 17.0529, 0.2846,
0.3233

235.4771, 0.3009,
0.3268

■ 10.2722, 0.2796,
0.3221

284.2823, 0.3016,
0.3269

■ 5.5798, 0.2723,
0.3203

339.4042, 0.3023,

■ 2.5913, 0.2610,

0.3270

0.3173

401.2271, 0.3028,
0.3271

■ 0.9223, 0.2390,
0.3123

■ 0.0000, 0.0000,
0.0000

■ 72.7464, 0.2953,
0.3256

■ 72.7464, 0.2953,
0.3256

■ 68.3318, 0.2805,
0.3223

■ 77.6645, 0.3106,
0.3286

■ 64.3906, 0.2667,
0.3188

■ 83.0966, 0.3263,
0.3314

■ 60.9037, 0.2540,
0.3151

■ 85.7489, 0.3303,
0.3340

■ 57.8467, 0.2428,
0.3111

■ 87.2748, 0.3300,
0.3366

■ 55.1930, 0.2334,
0.3071

■ 88.8235, 0.3297,
0.3392

■ 52.9129, 0.2258,
0.3030

■ 90.3952, 0.3294,
0.3417

■ 50.9722, 0.2201,
0.2990

■ 91.9899, 0.3291,
0.3443

■ 49.3301, 0.2164,
0.2949

■ 93.6078, 0.3288,
0.3469

■ 48.0910, 0.2143,
0.2914

■ 95.2488, 0.3285,
0.3494

Harmonies

Analogous

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



72.7464, 0.3011, 0.3345



72.7464, 0.2953, 0.3256



72.7464, 0.2941, 0.3178

Triad

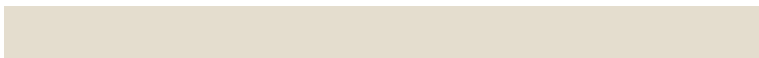
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7464, 0.2953, 0.3256



72.7464, 0.3152, 0.3166



72.7464, 0.3278, 0.3449

Complementary

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



72.7464, 0.2953, 0.3256



65.1438, 0.3326, 0.3324

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.



72.7464, 0.3317, 0.3398



72.7464, 0.2953, 0.3256



72.7464, 0.3244, 0.3235

Square

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



72.7464, 0.2953, 0.3256



72.7464, 0.3054, 0.3128



72.7464, 0.3305, 0.3320



72.7464, 0.3198, 0.3458

Rectangle

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



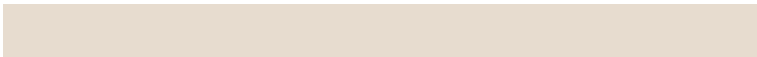
72.7464, 0.2953, 0.3256



72.7464, 0.2960, 0.3143



72.7464, 0.3305, 0.3320



72.7464, 0.3296, 0.3437

Sweetspot

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



72.7494, 0.2953, 0.3256



98.0122, 0.3080, 0.3281



73.1854, 0.3097, 0.3555



20.8671, 0.3068, 0.3279



0.0000, 0.0000, 0.0000



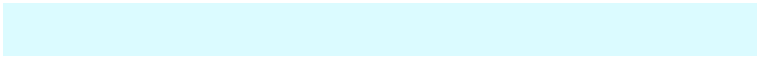
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7494, 0.2953, 0.3256



91.2293, 0.2912, 0.3247



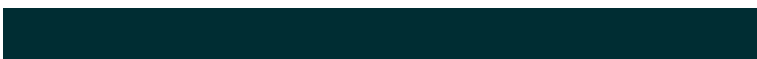
66.1645, 0.2951, 0.3114



16.0354, 0.2982, 0.3262



27.6083, 0.2145, 0.2921



2.1216, 0.2161, 0.2979

Inverse Universe

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



64.8816, 0.3162, 0.3043



79.0355, 0.3171, 0.2982



71.4399, 0.3309, 0.3460



14.5849, 0.3156, 0.3085



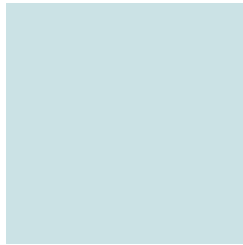
11.9848, 0.3525, 0.1715



0.8939, 0.3472, 0.1687

Previews

White Background



This preview shows how the Yxy color 72.7464, 0.2953, 0.3256 looks on a white background.

Color Contrast Check

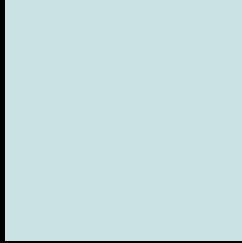
Large Text (above 18pt) WCAG AA × Fail

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 72.7464, 0.2953, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

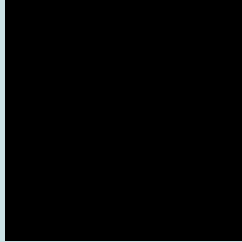
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

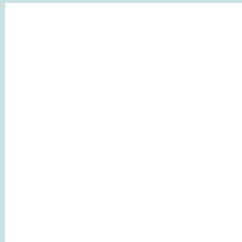
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7464, 0.2953, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 72.7464, 0.2953, 0.3256.

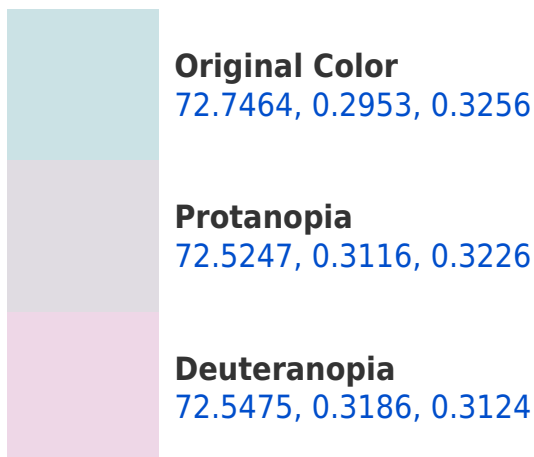


This preview shows how white text looks on a background with the Yxy color 72.7464, 0.2953, 0.3256.

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

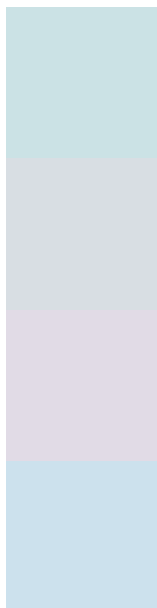




Tritanopia

72.7012, 0.2887, 0.3093

Trichromacy



Original Color

72.7464, 0.2953, 0.3256

Protanomaly

72.3875, 0.3053, 0.3235

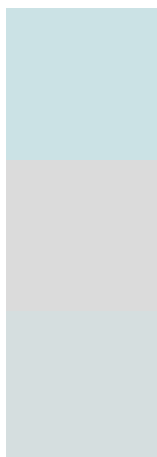
Deuteranomaly

72.3838, 0.3097, 0.3173

Tritanomaly

72.8022, 0.2911, 0.3158

Monochromacy



Original Color

72.7464, 0.2953, 0.3256

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.7164, 0.3058, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7464, 0.2953, 0.3256 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(203, 226, 229)` looks like.

```
.text, #text, p{  
    color:rgb(203, 226, 229)  
}
```

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(203, 226, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 226, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.7464, 0.2953, 0.3256 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(203, 226, 229) }
```

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

```
.border{ border-color:rgb(203, 226, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 226, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 226, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 226, 229);  
box-shadow:4px 4px 4px 4px rgb(203, 226,  
229) }
```


Background

The CSS property to change the background color of an element to `rgb(72.7464, 0.2953, 0.3256)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 226, 229) }
```

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

```
.background{ background-color: rgb(203,  
226, 229) }
```

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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